

ACTIVITIES, PROJECTS, UNITS OF WORK CATALOGED FOR 1932-1939

BY
JUNIUS L. MERIAM

UNIVERSITY OF CALIFORNIA

IN EDUCATION

Volume 10

Kansas City Public Library

Teachers' Library

NOT TO BE TAKEN FROM THE ROOM

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES

1943

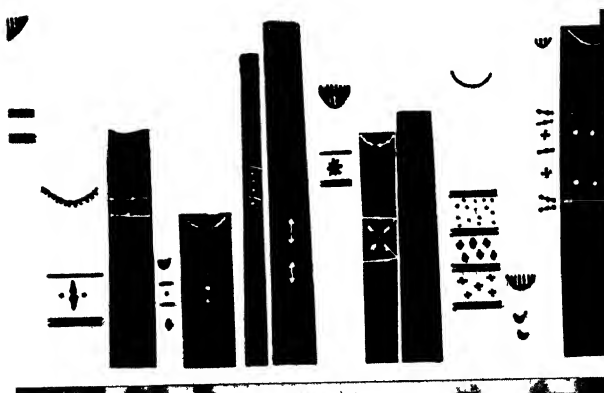
016.3713 M56ac

1131218

reference collection book



kansas city
public library
kansas city,
missouri



KANSAS CITY, MO. PUBLIC LIBRARY



0 0001 0257972 9

ACTIVITIES, PROJECTS, UNITS
OF WORK CATALOGED
FOR 1932-1939

BY

JUNIUS L. MERIAM

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES

1943

UNIVERSITY OF CALIFORNIA PUBLICATIONS IN EDUCATION

EDITORS (LOS ANGELES) : W. A. SMITH, J. F. BOVARD,

M. V. SEAGOE, J. H. WILLIAMS

Volume 10, pages vi + 1-270

Submitted by editors May 20, 1942

Issued December 8, 1943

Price, \$1.50

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

PRINTED BY OFFSET IN THE UNITED STATES OF AMERICA

PREFACE

One of the Lincoln School Research Studies published in 1932 is "Catalog, Units of Work, Activities, Projects, etc., to 1932," under the joint authorship of Alice E. Carey, Paul R. Hanna, and J. L. Meriam. That catalog covers the seven-year period from January 1, 1925, to December 31, 1931. This present volume continues the catalog from January 1, 1932, to December 31, 1939. Thus the two volumes cover a period of fifteen years of curriculum changes.

Since January 1, 1932, I have assembled courses of study throughout this country. I have been somewhat discriminating in my selection. When announcement of a course of study in City X indicates that the contents are essentially the traditional school subjects under a modified organization, I strike that from my list of courses wanted. In spite of my efforts, such material does filter into my collection, only to be disregarded as soon as discovered. I have taken my data only from those courses of study in which there appears a declaration or a clear implication that 'activities,' 'projects,' 'units of work' are definitely intended in the given school curriculum.

But teachers, school officials, and students of education are not in agreement as to what constitutes 'activities,' 'projects,' 'units of work.' In the section on interpretation of these, I take the liberty of tentatively characterizing and defining the ideas underlying the terms, and on this basis I "separate the sheep from the goats," indicating in the detailed catalog three groups of these 'activities'--those approved, those rejected, and also those which are questionable or adjustable.

No claim is made that this catalog encompasses a full range of schools using 'activities' in their courses of study. It is believed that a sufficient sampling has been made to represent adequately the curriculum in the past decade. The range of source materials used shows that there are represented 28 states, 14 counties, 77 cities, 2 universities, 65 book publications, and 103 special teachers.

My study of the 8833 'activities' listed in this volume, in addition to the 6149 listed in the previous volume, leads me to the belief that most of these units are used by teachers as devices--motivation schemes--to provide a more effective teaching-learning process in the traditional school subjects. It is hoped that the curriculum materials herein cataloged will lead students to direct their critical studies into the issues of our school curriculum. I am of the conviction that such investigations will cause school teachers and educational leaders to realize the

iv UNIVERSITY OF CALIF. PUBL. EDUCATION

significance of activities in home and community life as worthy content of the curriculum rather than as motivation for the Three R's.

J. L. M.

Los Angeles
March 15, 1942

ACKNOWLEDGMENTS

I wish to acknowledge much help from approximately fourteen hundred students in my curriculum courses in the past ten years. After students have worked in a curriculum course long enough to comprehend the issues involved, laboratory work is provided them. All laboratory work--a portion of which has contributed to this volume--is conducted in small groups of students, not to exceed ten, always under my own immediate supervision. While profiting by this laboratory experience as one method of curriculum study, these fourteen hundred students have contributed much to the assembling of the details in this collection of 'activities,' 'projects,' 'units of work.'

I wish to acknowledge receipt of many suggestions from Eloise Rue, of the Evanston Public Library, Evanston, Illinois. Through correspondence and her two volumes, "Subject Index to Readers" (1938) and "Subject Index to Books for Intermediate Grades" (1940), I have been helped in the grouping and naming of the 'activities,' 'projects,' 'units of work' herein listed.

To Virginia M. Bates, earlier as my graduate student, later as a trained librarian, I am greatly indebted for helpful advice as to the format in this volume, the terms used, the classifications, the subject headings and the unit titles.

Virginia Booher, a graduate student in English, checked every one of the 8833 titles, the 759 headings, and the 575 sources listed. For her patience and her accuracy in this work I am much indebted.

J. L. M.

CONTENTS

	Page
Preface	iii
Acknowledgments	v
Interpretation of 'Activities,' 'Projects,' and 'Units of Work'	1
Directions for Reading this Catalog	10
Details of the Catalog	11
Annotated List of Sources	230

INTERPRETATION OF ACTIVITIES, PROJECTS, UNITS OF WORK

Teachers, school officials, and the general public are well acquainted with the traditional school subjects; reading, writing, arithmetic, geography, history, etc. But within the past twenty-five years other studies have filtered into our schoolrooms. These additions--only a few of them are actually substitutions--are as yet too new to have acquired generally accepted names. Some of these names are: activities, projects, social studies, themes, units of teaching, units of work; and many variations of these titles. There is no educational authority equal to assigning names to these newcomers. Names represent ideas and these curriculum ideas are as yet too little developed to have impressed alike all those who are concerned.

These recent innovations are causing a very considerable disturbance throughout our school public, more conspicuously so in the elementary schools, less but noticeably so in the secondary schools. Inasmuch as this extensive school movement has not been planned by educational leaders, but is a result of our American way of life--freedom to think and act,--school programs are in the making. Yet this school freedom cannot be allowed to continue long in safety without being subjected to critical study. The data assembled in this catalog supplies an abundance of material the study of which should contribute much to clarify the confusion and to lead, later, to a more effective policy in the construction of our school curriculum. This volume is presented for the purpose of helping school officials and particularly students of curriculum construction. These details are the objective data which enable us to deal with facts about our school work in place of glittering generalities based upon subjective judgments.

In an earlier volume* 6149 items are assembled. This second volume includes 8833 items. These items are tentatively named "unit titles," such as:

Air and its uses
Bread and the bakery
Communication by telephone

These are individual teaching units so named in courses of study assembled from all parts of our country. A tentative classification of these unit titles results in 283 divisions in the earlier

*Catalog, Units of Work, Activities, Projects, etc. to 1932 by Carey, Hanna, Meriam. Published by Bureau of Publications, Teachers College, Columbia University, 1932.

volume and 759 in this volume. These divisions are tentatively named "subject headings," such as:

Air
Bakery
Communication

Toward the close of this chapter is suggested a more basic and comprehensive organization for these thousands of teaching units.

Before looking at the contents of this catalog, it is in order to present, in brief, an overview of the educational situation prompting this recent interruption of our traditional school curriculum. "Believe it or not"--this new movement is frequently referred to as "progressive Education."

The Progressive Education Association, founded in 1919, is committed to reaching children through their interests and their normal activities. But this Progressive Education Association has no patent on progressing education. Socrates played his part in this movement, with the so-called "Socratic Method"; likewise Rousseau, by his emphasis upon "Back to Nature"; so also thousands of teachers, school officials, and students of education for a thousand years and more. However, a movement more directly affecting schools in the past twenty-five years is discernible.

Monroe's "Cyclopedia of Education," published in 1913, does not refer to "progressive education" (though it could not avoid a philosophical statement on "Progress," signed by "J.D."). Monroe's work does not countenance projects, activities, units of work--terms now so prominent in our school vocabulary. The idea 'project,' in this sense, first appeared in 1914 in a book by G. W. Hunter, with the title, "Biology Presented in Problems." A year later, John F. Woodhull published an article on "Science Teaching by Projects." In the next two years the term appeared several times. Then, in 1918, Kilpatrick fanned the flame into a great conflagration. In 1921 the Journal of Educational Method, under the editorship of James F. Hasic, supplied an abundance of combustion material for the next ten years. The Project Method was popularized.

But about 1930-2-4 the use of this term waned. New terms came to the fore: activities, social studies, units of work, etc.; but the basic idea in the earlier term, project, was further developed. A clear understanding of this basic idea is imperative as a first step in an adequate interpretation and evaluation of the contents of this volume of curriculum materials.

What is this basic idea? For generations, and indeed throughout the centuries, pupils in school have been taught how to read, to write, to "do arithmetic." Throughout this time, by reason of a combination of seeming difficulties in these subjects and a

lack of interest in these subjects on the part of pupils, teachers have resorted to a great variety of devices to effect a favorable relationship between subjects and learners. These procedures are commonly called "methods of teaching." The traditional school subjects carry over from generation to generation with very little change. On the contrary, civilization advances with many changes. In recent years our children find themselves in the midst of a very complex and challenging environment. Children respond more actively than in earlier years when life was more simple. In other words, life becomes more appealing and children have wider and stronger interests in the activities of normal life.

Here is capital for the teacher and for the student of methods of teaching. A rival to the extrinsic devices of earlier times now appears in the form of the normal activities of children--whenever a relationship can be readily established between the uninteresting subjects to be learned and the activities of life so strongly appealing to children. "The project is a purposeful act" (Kilpatrick). This purposeful act used by the teacher to motivate the study of the conventional subjects becomes the project method. And this project method is exceptionally effective--indeed the most effective method yet devised, or perhaps ever to be devised. But objections to the use of the project method are sufficiently serious to overbalance its effectiveness. However, evaluation is irrelevant here and therefore is disregarded. During the past decade the term project has been largely exchanged for substitutes in the vocabulary of activities, units of work, social studies, etc. The same basic idea continues: activities are now used to motivate the study of the traditional school subjects. The former project method continues as an activity method.

The foregoing statement is not the whole of the story of this recent movement variously known as progressive education, or the activity school, or the child-centered school, etc. This school movement has become seriously involved. Dewey's declaration that the approved modern school is not a preparation for life, it is life; the increasing demand of the public that the work of our schools be made more practical; the insistence of psychologists that learning is an active process; and various other allied claims--all do play a role in this rather recent movement. However, the study of a thousand courses of study during the past fifteen years--and more--is convincing that the basic idea briefly stated above is not only prominent; it is dominant: namely, activities are used as motivation schemes in teaching the Three R's.

Obviously, great divergence is to be found as to what con-

stitutes an activity, a project, a unit of work. Instead of attempting to clarify by definition, observe some of the data in this catalog.

Caesar wrote: "Gallia est omnis divisa in partes tres." At the risk of exposing some gall of bitterness in the disagreements as to this new idea, divide the 8833 unit topics in this catalog into three parts. This differentiation itself will be somewhat definitive.

From one part note the following topics:

Africa, Alaska, Amazon, America, Arabia, Arithmetic, Arizona, Asia, United States History, Virginia, West Indies, Wisconsin, Writing, Wyoming.

These are names of subjects as they appear in courses of study. Obviously, the content of these studies is geography, history, arithmetic, writing. Extend this list, and every one of the traditional school subjects is included. The objective is clearly the same as that in the traditional school.

Similarly, select from a second part:

Air, Airplane, Animals, Aquarium, Automobiles, Bakery, Banks, Birds, Wheat, Wild Flowers, Wind, Winter, Wood, Workers, Yeast, Zoo.

These, too, are names of subjects in recent courses of study. The content of these subjects is clearly the activities of people, the materials with which they act, and/or the environments in which they act.

The third part is of subjects lying indefinitely between parts one and two. For example:

Beauty, Character, Cold Countries, Culture, Buttons, Discovery, Modeling, Resources.

These are so petty, or so grandiose, or so indefinite as to be readily ruled out--at least for an immediate attempt to define.

The clear distinction between the first two parts indicates a basic concept of these activities in relation to the traditional school of the Three R's. Most of the serious conflict between the adherents of the traditional school and the devotees of the 'activity' school is due to an utter failure to comprehend this basic concept. It is not so difficult--yet by no means simple. Most people--even school officials--are indifferent; hence, a little further study at this point.

Consider the first group of subjects listed above. In the study of Africa the pupils construct a grass house, imitating certain of the African tribes. In arithmetic the pupils play a game of dominoes, making scores by adding the adjacent spots. In

the study of Wyoming the pupils dramatize range life of the early settlers. Making the grass house, playing dominoes, dramatizing range life, are activities strictly extrinsic to the real objective--learnings about Africa, addition, Wyoming.

In striking contrast, in the second group of subjects pupils study the airplane industry and automobiles; they inspect the work of the bakery and the bank; they observe the play of the wind and the animals in the zoo. These studies and observations are also activities, but they are strictly intrinsic in relation to these subjects.

In the one group, pupils' activities are extrinsic; in the other, they are intrinsic. This distinction is obvious to the critical observer. However, school teachers almost universally use both groups of these activities as motivation schemes to promote the learning of the Three R's of the traditional school.

Before attempting to formulate the basic idea of these subjects called activities, consider excerpts taken from a publication of a well-recognized State Teachers College, safely accepted as representative.

The unit activity is dairying, a subject for the fourth grade. The outline, after two introductory sections, presents Section III, labeled: "Possible Activities." Some of these are:

- Take excursions to a dairy, a creamery, an ice cream factory;
- Construct a model dairy as a floor project;
- Make and eat milk foods as butter, custard, ice cream, cream soup;
- Make a milk cook book;
- Make puppet shows to illustrate certain phases of dairying;
- Write plays and dramatize aspects of the dairy industry.

Section IV gives information about dairying, historical and geographical, including foreign countries. Section V is labeled "Possible Culminations of the Activity," including:

- Planning a party for mothers, including a lunch of milk foods and presenting mothers with a milk recipe book,
- Planning an exhibit of notebooks, charts, and friezes made in this dairy unit.

Section VI outlines "Subject Matter" involved, which specifically includes (1) reading, (2) language, (3) arithmetic, (4) social studies, (5) general science, (6) industrial and fine arts, (7) music [this includes dances and songs of countries studied; pupils' original dances and songs; study of musical instruments used in countries studied].

Thus by way of summary: making a grass house in the study

of Africa and all other such activities as instruments in teaching are mere schoolroom devices; making a puppet show to illustrate phases of dairying and all other such extrinsic activities are irrelevant to the subject studied. However, the study of houses--made of lumber, or brick, or grass, or any other material--as the shelter and home of people; the dairy as an important industry; manufacturing as a means of preparing raw material for use; and many more such, are aspects of normal human life calling for study in school. All such may properly be called activities, or units of work in the school curriculum.

Beyond this selection of such unit activities as the major issue in this new school program, this catalog of 8833 so-called 'activities' exposes minor but serious issues. Grade placement is one of them.

In the traditional school, Africa is seldom, if ever, studied below the fifth grade. That country is too foreign for children less than ten years old. But this catalog reveals pupils in the third grade--only eight years old--studying (?) Africa; at least they make grass houses, said to be in imitation of those of African tribes.

Similarly, the airplane is studied (?) by pupils in kindergarten, first, second, and third grades as frequently as by pupils in the upper grades. It may readily be recognized that this modern instrument brings a thrill to such little children; but surely this instrument for travel and for deadly war combat is far too complicated as a school subject for children six to nine years old.

This catalog reveals that the post office as a school topic is found in the first and second grades six times as frequently as in all the other grades. Six- and seven-year-old children do thrill over licking postage stamps and opening envelopes--especially at Christmas and Valentine seasons. But sane judgment declines such activity as a real study of our postal service.

Primitive life (this is ancient history or anthropology) appears twice as frequently in the first three grades as in the four upper grades. Teachers kid themselves in their fake 'study' of cavemen by having their six- to eight-year-old pupils dig little holes in the wet sand, or of the mound builders by making crude sod houses in the school yard. This catalog reveals a dangerous situation--dangerous in that the schools are making light of a serious matter. The schools are stooping to tickling the children in playful activities rather than acquainting them with the realities of life. To use the caustic criticism of Professor Bagley: "We are playing at the work of education."

This catalog reveals a further abuse--at least a danger--in "playing" children into studies quite inappropriate, irrespective

of grade placement. Note a few of these subject headings:

- Agriculture, as a science
- Architecture, as an art
- Art, in its finer ramifications
- Beauty, in the abstract
- Character, as a virtue
- Civilization, as human advancement

Pupils' study of such topics, even through uniquely designed activities, can be only superficial, at best.

One cannot fail to be impressed with the prevailing evidence that nearly all of these 8833 activity units are designed as motivation schemes to lead pupils to better response to the conventional school subjects.

On the other hand, there is one positively encouraging aspect. On the basis of the distinction made above between activities that are extrinsic and those that are intrinsic, in relation to the topics studied, there has been in the past ten years a marked increase in the ratio of the intrinsic to the extrinsic. This means that since 1932 there has been a distinct tendency to outline curriculum work in terms of the life activities of people rather than in the service of the traditional school subjects. Topics such as airplane, automobile, bakeries, banking, boats, farming, manufacturing, as the industries of people, are increasing as curriculum subjects; while geography, history, arithmetic, grammar, etc., as mere generalizations, are losing their prestige in the curriculum. This need not mean that youth acquire less geographical and historical information, less arithmetical and linguistic skills. Indeed, quite the reverse, for such informations and skills are the more effectively acquired when they function in the study of the activities of people. A few statistical investigations definitely support this conclusion.

But let us return to the data in this catalog. This list of 759 subject headings and 8833 unit titles is largely directed to information relating to the physical environments of people and the industrial activities of adults. Three other phases of human life are proportionately neglected: (1) The play life of children. Adults have erroneously assumed that children will play well enough without instruction. If this is a phase of the normal life of children--and such is the case--then the schools should provide guidance and instruction that children may play better. (2) The leisure life of people. Leisure is not idleness. It is, rather, the avocational, cultural phase of life, and this is experienced largely in the enjoyment of literature, music, and pictures. Our schools do include these in the curriculum, but proportionately far less than prevails in normal human life.

(3) Handwork. The use of hands with suitable tools and materials is positively normal for children. Schools should be alive to their responsibility for great extension and improvement of this phase of child life. This handwork, well conducted, calls for intellectual work commensurate with that in the best of our schools.

Let this brief interpretation be closed by indicating three of the major problems needing the best of efforts.

1) This list of 759 subject headings should be very considerably reduced. These new activity courses contain much that is trivial; much that is incidental to more important projects; much that is not suitable for children; and much that serves only as sugar coating for the disciplines of the traditional school.

2) This alphabetical list of subjects--countenanced in the school as activities--is in need of being carefully organized. The extremely chaotic situation now prevailing with reference to these hundreds of activities--a great undirected medley intended to vitalize our schools--will prove destructive unless brought into some functioning system soon.

3) The content of the 8833 activities listed in this catalog needs careful reconstruction. Much of this content has been provided by good teachers who are not good curriculum makers. Many well-intending teachers "pass the buck" to their pupils, on the principle of democracy carried to a ridiculous extreme.

These three major problems and numerous minor ones are not to be adequately studied and successfully solved by local autonomy. The 575 school sources of the material for this catalog seem to glory in being independent of other school systems. There is evidence of individual complacency in the hundreds--even thousands--of school systems. Each state, each city, even an individual school, works out its own curriculum with little, if any, study of the achievements of others.

Work in a curriculum laboratory during the past eighteen years reveals the great need for curriculum improvement by way of extensive cooperation among our many school systems. Educational administrators should select the ablest leaders at large for curriculum improvement, and profit much by studying the achievements of other schools, and so far as possible by the assistance of curriculum specialists.

The author of this volume believes that this catalog provides much objective data needed by those who are committed to work for curriculum improvement. Yet more objective data are needed. Then devote much more serious professional study of these new subjects called activities, projects, units of work, in relation to the traditional subjects--or better, as material that functions directly in the improvement of child life.

DIRECTIONS FOR READING THIS CATALOG

The 759 subject headings, beginning with "Accidents," are group names of the 8833 'activities,' 'projects,' 'units of work' listed in this volume.

To avoid classifying only one or two items under a subject heading, the author arbitrarily decided that in cases of fewer than three, such items would be classified under a closely related heading. In using this catalog look for material in two or more places, as indicated by the cross references.

The 8833 "activities" are viewed by the author as of three classes, as characterized and defined in the foregoing section.

1. 'Activities' approved as such by this author are marked by a star (*).
2. 'Activities' so-called in courses of study, but judged as essentially subjects of the traditional school, are marked by a dagger (†).
3. 'Activities' which are indefinite or questionable, or which by some alteration might be placed in either of the first two classes, are indicated by a question mark (?).

The column of figures at the left indicates the grades in which these activities are found; "gni" means grade not indicated.

The wording of the 8833 unit titles is taken verbatim from the sources, but capitalization has been edited.

At the right of the titles the numbers in the first column refer to the sources:

Numbers 100-526	Courses of Study	Page 231
Numbers 600-644	Books and Pamphlets	Page 261
Numbers 700-802	Teachers' Lesson Unit Series	Page 270.

Page references are in the last column at the right; "pni" means paging not indicated.

INTERPRETATION OF ACTIVITIES, PROJECTS, UNITS OF WORK

CATALOGED FOR 1932-1939

(See opposite page for directions for reading this catalog)

ACCIDENTS: see Safety

ADMISSION DAY: see Holidays

ADVENTURE: see Frontier, Pioneer life

ADVERTISING: see Art, Business, Posters

AERONAUTICS: see Airplane

AFGHANISTAN: see Asia

AFRICA: † see also Animals, Arabia, Congo, Desert,
Egypt, Insects, Jungle, Negro, Nile, Sahara

3	Africa	182	64
			122-123
3	The African grass house	305	109
4	Africa	339	57
4	Lands of the black people of Africa	157	39-40
4	Mr. and Mrs. Martin Johnson in Africa	284	pni
4-5	Life in hot, wet countries	523	63-65
	Africa - Congo Basin		
	South America - Amazon Basin		
4-7	Africa	426	192-196
4-7	European influences in Latin America and in Africa	426	34-36 57-59 184-199 271-274
5	Africa	190	188-193
5	Africa	391	332
5	A general overview of Africa	336	164-168
5	Native life in Africa	603	66
5	A trip to Africa	433	32-36
5	A trip to Africa	437	31-36
5-6	Africa	509	65-67
6	Africa	618	132
6	Africa, a continent of colonies	619	28
6	Africa as a continent	396	23
6	Africa as a continent	399	4
			19-20
6	Africa as a whole	413	131-134
6	Africa - Egypt, Ethiopia, Liberia	197	153-158
6	Central Africa	132	567-572
6	Central Africa	171	161-164
6	Countries of Northern Africa	619	28
6	How the people of Africa adapt their ways of living and make use of their resources	171	156-168
6	How the people of Africa are influenced by geographic factors	171	151-155
6	The independent countries in Africa	396	23
6	The independent countries in Africa	399	4
			20

AFRICA: continued

6	Independent countries of Africa and southeast Asia	114	58
6	North Africa	132	559-566
6	Northern Africa	346	156-160
6	Reasons for Europeans' interest in Africa	512	K3-K6
6	South Africa	132	573-582
6	South Africa, white man's Africa and Africa between the deserts	619	28
6	Southern Africa	171	165
6-8	Africa - A continent of European colonies	524	209-215
7	Africa	277	84-100
7	Africa	488	707-712
7	The continent of Africa	391	354-355
7	Exploring Darkest Africa	389	45-47
7	Independent countries of Africa	391	356
7	Possessions of European countries in Africa	391	355
8	Living in Africa and Asia since earliest times	442	39-40

AGRICULTURE: ? See also Animals, Cereals, Cotton, Dairy, Farm, Fruit, Garden, Grains, Insects, Irrigation, Milk, Plants, Soil, Vegetables, Wheat

4-7	Agriculture in the United States	426	112-116
5	An agricultural region (North Central States)	158	55-58
5	Fertility, vegetation, and insect pests	640	252
5	How do the industries of agriculture and cattle raising in the Americas help to meet the food and clothing needs of the world	110	62-65
5	How do the industries of agriculture and cattle raising in the Americas help to meet the food and clothing needs of the world	111	67-72
5	Life of the farmer in agricultural regions	387	21-24
5	The new agriculture (Southern States)	158	26-27
6	Development of Agriculture	262	302-307
6	Opening new agricultural areas through the development of irrigation	106	1-43
6	Opening up new agricultural areas through irrigation, drainage, and the study of soils or land use	488	1047-1052
6	The story of agriculture	242	169-185
6-8	Course of study in agriculture	526	9-137
7	Agriculture and its allied industries (by-products)	396	24
7	Agriculture of the United States and its relation to that of the world	277	110-133
7	Development of agriculture	254	34-37
7	Irrigation and power development in Arizona	114	75
7-8	Agriculture and fishing	419	1-22
8	Birds and agriculture	332	237-238
8	The story of agriculture	243	31
8	Obtaining and distributing water	276	115-116
gpi	Agriculture and industry	616	120-121
			118-182

AIR: * See also Airplane, Health, Science, Transportation, Wind

K-1	Air	640	251
1	Air	340	47
1	Air and weather	440	24-28
1	Air is everywhere	332	124
1	Air is everywhere	488	1221-1222
1	Air surrounds us at all times	240	63-65
1	Fresh air and sunshine	198	23
1-3	The air	447	20-21
1-3	The air about us	621	100
1-4	Air and water	382	1-6
1-4	The earth's atmosphere	382	34-36
1-6	Air (Autumn, Winter, Spring)	117	170-171
1-6	Ventilating	610	240-243
2	The effect of air and weather upon our activities	225	40-44
2	The effect of air and weather upon our activities	332	134
2	Fresh air and sunshine	198	31-32
3	Fresh air and sunshine	198	43
3	The importance of air	226	99-104
4	Air	441	10-12
4	The air	447	50
4	The part air and water play in life	332	167-168
5	The air	447	84-85
5	Air pressure is useful in many ways	241	62-66
5	Fresh air and sunshine	198	62
5	Oxygen and fire	228	83-87
5-6	Air	383	6-11
6	The air	447	114-116
6	Air as a factor in the environment of living things	229	95-100
6	Air, heat, and ventilation	640	252
6	Air, water, soil, and food are made up of combinations of elements that enter into chemical changes	229	116-120
6	Atmospheric pressure	332	198-199
6	Bonds of air	740	16-37
6	Ventilation	332	201
7	Air	176	174
7	Air and water	606	160
7-8	The air around us and its uses to man	255	9-12
8	Air and weather	406	44-45
8	A study of air and its uses	488	1322-1328

AIRMAIL SERVICE: see Airplane, Post Office

AIRPLANE: * see also Post Office, Transportation, Travel

K	Airplane	515	102
K	How airplanes carry people and mail	481	90-99
K	An interest in airplanes	632	98-106
K	Our airplane	624	166-169
1	Air meet	783	21-26
1	Aircraft	632	173-182
1	The airplane	332	868-869
1	An airplane interest	632	88-97

AIRPLANE: continued

1	Airplane unit	440	28-34
1	Airplanes	230	pni
1-6	Transportation - steamer - airplane	167	44
1-6	Holding glider and airplane races	609	299-302
2	The airplane	417	57-61
2	Airplanes	104	15
3	Aviation	778	1-11
3	Transportation - airplanes	305	54-57
4	Travel by airplane	606	161
4	Travel by airplane: seeing the polar regions	152	72-79
4	Type unit on flying	518	349-351
4	Wheels and wings	195	47-48
4-6	Airport	605	354-355
4-7	Air lanes in world conquest	426	240-242
4-7	Making models (ships, airplanes, etc.)	486	58
5	Airways, highways, waterways, railways, radio and mail as connecting ties	387	12-14
5	Modern air travel	605	102
5	A study of aviation	613	169-173
5	Transportation - airplane	447	93-94
6	Airplane construction	618	263-264
6	Airways and waterways connect all parts of world	388	12-14
6	Aviation	605	103
6	Launching and flying gliders	641	301
			376
6	Launching balloons	641	299
			347
6	Making a balloon	641	299
			346-347
			349-355
6	Making a glider	641	301
			369-377
6	A study of aeronautics	641	298-390
gni	Aviation	371	14-79
gni	Aviation	618	104

AIR PORT: see Airplane

ALASKA: † see also Cold Countries, Eskimos, Indians,
Living, North America, Polar Regions

4	Alaska	605	362-365
4-7	Canada, Newfoundland, and Alaska	426	137-144
5	Alaska	260	74-75
5	Alaska	506	48
5	Life in the northwest including Alaska, the lumberman, the fisherman, the miner	387	15-19
5	Living in Alaska	233	1-5
5	The northlands - Alaska	158	93-95
5	A trip to Canada and Alaska	433	2-8
5	A trip to Canada and Alaska	437	1-8
6	Alaska	413	46-49
gni	Alaska	618	64

ALCOHOL: see Drug Store, Health, Medicine

ALPHABET: see Records

AMAZON: † see also Brazil, Rivers, South America		
4	Another hot wet region - The Amazon Valley	468 274-282
4	A journey to the Amazon	197 113-115
4	A journey to the Amazon	488 657-658
4	Life in jungle lands - Amazon Valley	321 17-28
4	Low, hot, wet region - The Amazon River basin	260 29-30
4	A wet hot region - The Amazon basin	157 31-32
4-7	The Amazon - a hot wet region	426 69-71
5	Life in the Amazon Valley	641 60
AMERICA: † see also Canada, Colonial Life, Discovery, Exploration, Geographical Regions, Mexico, South America, United States		
4	Early American life	114 92-93
4	General view of western hemisphere	339 67
4	How America was discovered and explored	629 153-158
4-5	America before the white man came	524 88-91
4-5	How a new nation was born in America	524 103-105
4-5	How Europe found America	524 92-94
4-7	Mexico, Central America, Panama Canal Zone, and the West Indies	426 144-149
4-7	The shift of trade to the Americas through the accomplishments of explorers and discoverers	426 235-239
5	Central America and the West Indies	190 152-156
5	The discovery, settlement, and developmental periods of America	624 152-155
5	Early American history	467 58-61
5	The growth of America	193 47-62
5	How has manufacturing in the Americas helped to develop the nation into a world power	110 73-77
5	Interdependence of frigid, temperate, and tropical regions in the Americas	387 64-67
5	Living in Central America	233 1-2
5	The making of Americans	251 37-39
5	Mexico and Central America	339 67
5	Newcomers to America	202 pni
5	Noted buildings in American history	381 44
5	Our neighbors north and south	606 162
5	What needs of American life are met through the natural resources	110 67-71
5	What places of interest in the Americas attract tourists from all parts of the world	110 84-87
5	What places of interest in the Americas attract tourists from all parts of the world	111 93-97
5	Who's who in early American history	381 46
6	The Americas	615 259
6	Central America	413 58-61
6	Direct European background of the discovery and exploration of America	179 122-125
6	How Central America developed and its importance today	336 194-198
6	Ways of living of our early American ancestors	179 126-133

AMERICA: continued

6	What Europe has done for America	620	35
6-8	American culture and ideals	525	76-88
7	America faces the future	269	74-76
7	America of plantation days	332	511-519
7	The American people and their work	152	181-182
7	America's gift to the world	332	544-545
7	America's great and near great	332	542-544
7	America's ideals and creeds	332	536-542
7	America's trek to the west	332	519-527
7	The beginning of American history	405	17-18
7	Countries of the northern coast and the Central American republics	277	59-68
7	The people of America	245	5
8	America	625	133
8	America in shirt sleeves	332	553-562
8	America in the shadows	332	594-598
8	Changes which came in American life with the use of machinery and power	205	pni
8	Changing America	428	9
8	Changing culture of the American people	152	236-237
8	Early American history	334	pni
8	European contributions to American development	254	94-101
8	A growing American nation	428	7-8
8	How America became a world power	246	40-45
8	Jacksonian democracy and its effect upon American culture	302	76-79
8	A new American nation	428	6
8	Our modern America	427	49-52
8	The pageant of America	603	70
8	The story of the American people	284	pni
8	The struggle for the red man's continent	302	14-18
8	Twentieth century America	428	10-11
8	Where the American people live	503	45-62

AMERICAS: see America, North America, Tourists,
Travel

AMUSEMENTS: see Circus, Colonial Life, Dancing,
Dolls, Fair, Festival, Games, Holidays,
Motion Pictures, Party, Plays, Puppet,
Sports, Toys

ANCESTORS: see History

ANCIENT WORLD: see Civilizations, Egypt, History

ANDEAN COUNTRIES: see South America

ANIMALS: * see also Aquarium, Birds, Circus, Dairy,
Domestic Animals, Farm, Fishing, Insects,
Jungle, Nature Study, Pets, Rabbit, Reptiles,
Transportation, Wild Animals, Wool, Zoo

K	An animal unit	308	4
K	Animals	129	1
K	Animals	625	133
K	Science unit on animals	440	15-19
K	Spring gardens and animals	607	205-208
K-3	Animals	272	39-41

ANIMALS: continued

1	Animal adaptations	240	45-49
1	Animal imitation in response to rhythm	207	137
1	Animal life	488	1212-1214
1	The animal school	625	38
1	Animals	505	199-203
1	Animals - circus, farm, pets, zoo	104	13
1	Animals' coverings	240	46-48
1	Animals' eyes	240	45-46
1	Animals' tails	240	46
1	Animals' mouths	240	48-49
1	Baby animals	343	pni
1	Baby animals	349	1-11
1	Different kinds of animal homes	240	40-41
1	The gray squirrel	340	12-15
1	How animals keep alive	240	99-100
1	Making discoveries about a little animal	417	15-16
1	Our animal friends	519	10-15
1	Pets and animals	231	11-13
1	The reindeer and Santa Claus	340	31-32
1	Some animals need homes	332	125
1	Stories about animals	636	431-446
1	A study of animals	613	113-117
1	Studying animals	630	328-329
1	Taking care of animal friends	330	82-86
			294-296
1	Taking care of our animal friends	331	60-63
1-2	An animal farm	620	33
1-3	Animals	118	28-32
1-3	Animals (mammals) (Autumn, Spring, Winter)	117	165-166
1-3	Animals and seasonal change	621	100
1-3	The community or the park (squirrels and chipmunks)	447	14-15
1-3	How animals care for their young	621	100
1-3	Where plants and animals live	621	100
1-4	Plants, animals, birds, and insects - how helpful or harmful	382	48-53
1-6	Comparing ourselves with other animals	609	329-331
1-6	Discovering and studying animal homes	609	187-190
1-6	Discovering what animals do as winter approaches	609	207-209
1-6	Rearing some toads to protect our garden	609	404-407
1-6	Taming animals and learning their ways	609	184-186
1-6	Tracing the activities of animals by their tracks in the snow	609	303-305
1-6	Watching animal athletes perform	609	191-194
1-6	Watching animals feed	609	195-199
2	Animal friends	488	1237-1239
2	Animals and insects	505	281-285
2	Animals in spring	340	83-84
2	Animals vary in the way they prepare for and spend the winter	332	139-140
2	Some animal eggs	240	109-111
2	Some animals are alike in many ways	240	84-86
2	Some plants and animals live in water	240	89-93
2	What kinds of homes do animals have	603	68
2-3	Animals	398	pni

ANIMALS: continued

3	Animals	605	100
3	Animals	386	12
3	Animals and birds of the community	129	3
3	Animals in our state	330	160-169
3	Animals of our state	330	427-428
3	Care of white mice	644	7
3	Family life of animals	640	252
3	Frogs	605	100
3	How the use of animals has affected fine arts	332	389-395
3	Nature study - animal life	262	112-118
			119-123
3	Our animal neighbors	505	312-317
3	Our vivarium	120	28-30
3	The social life of animals	226	63-73
4	Adaptation of animals and plants to environment	640	252
4	Animal adaptations for securing food	332	160-161
4	Animal life	488	1255-1258
4	Animals of circus and zoo	619	29
4	California animals	605	101
4	Friends in feather and fur	195	33-35
4	How animals live together	176	159
4	How animals of the United States influence her industries	381	41
4	Plant and animal life	104	19
4	The relation of animals to their environment and to man's needs	109	29-34
4	Sightseeing animal tours	794	23-30
4	Social life of animals	241	37-38
4	Travel by beasts	606	161
4-6	Animals	272	73-76
4-6	Animals (mammals) (Autumn, Winter, Spring)	117	165-167
4-6	Economic value of animals	621	100
4-6	Hibernation	621	100
4-6	Social life of animals	621	100
4-6	Some adventures with animals	118	67-70
4-6	Utilizing animals for man's food and clothing	116	161-162
4-7	Animals in relation to man's needs	426	111-112
5	Animals	121	97-99
5	Animals	605	102
5	Animals of the United States	129	4
5	Bats	605	102
5	Four-footed folk	195	49
5	Fur-bearing animals - North America	119	34
5	Reproduction in animals	332	191-192
5	Some animals change their form in the course of their development	332	183-186
6	Animal life	488	1290-1292
6	Conservation of plants and animals	332	193-196
6	The development of animal life; the age of fishes	241	120-124
6	The development of animal life; birds	241	132-135
6	The development of animal life. The coming of man	241	141-144

ANIMALS: continued

6	The development of animal life. Corals and jellyfishes	241	116-119
6	The development of animal life. The first land animals, the amphibians	241	125-128
6	The development of animal life; the rise and fall of reptiles	241	129-131
6	The development of animal life; mammals	241	136-140
6	Hibernation	441	60-62
6	How animals have developed successful ways of living	388	68-77
6	Migrating birds and animals	235	1-2
6	Our animal friends	195	65-67
6	Social life among the animals	388	73-74
7	Amphibians, their economic value	276	19
			22-24
			35-36
7	Animals and plants struggle for the necessities of life in a changing world	253	49-58
7	Geographical distribution of animals	332	219-220
7	Hunting and fishing	396	24
7	Plant and animal parasites	332	211-212
7-9	How do animals differ in their habits of living and in their importance to us	393	1-17
8	Adaptation of plants and animals	606	160

ANTS: see Insects

APPALACHIANS: see Mountains

APPEARANCE: see Manners

AQUARIUM: * see also Animals, Fishing, Insects,

	Pond Life, Sea Life		
1	We build an aquarium	603	65
1	An aquarium	380	19
1-6	Stocking the aquariums	609	213-217
1-8	Making and stocking an aquarium	514	444-446
2	Our school aquarium	440	42-43
3	Maintaining an aquarium	629	145-150
5	Aquariums	605	102

ARABIA: † see also Asia, Desert, Geography, Sahara Desert

2	Shepherd life in Arabia	327	42-50
3	Shepherd life	130	5
4	Home life in Arabia	330	429
4	Hot dry lands - the Arabian desert	260	31-32
4	Through the ages with Ali Cogia - Arabia	620	40-47
4	The town Arabs	468	225-229
4-5	Life in hot dry countries - Arabia	523	59-62
4-7	The Babylonians and the Euphrates Valley	426	210-212
6	Arabia	413	129-130

ARBOR DAY: see Holidays, Special Days

ARCHITECTURE: see Builders and Buildings, Church, Heat, Houses, Shelter

ARGENTINA: see South America

ARITHMETIC: † see also Banks and Banking, Budget, Business, Commerce, Economics, Graphs, Measurement, Money, Records, Science, Thrift, Time

1	Arithmetic	133	1-11
1	Arithmetic in the first grade	495	119-120
1	Arithmetical experiences in raising chickens	438	16-18
1	Number	223	95-97
1	Number games	604	619
1	Writing numbers on the blackboard for pleasure	207	84-85
1-6	Finding averages	167	23
1-7	Using fractions	514	412
1-7	Using integers	514	410-412
2	Arithmetic in the second grade	495	120-121
2	Mathematics	225	73-76
2	Telephone numbers, house numbers, automobile license numbers	642	309
3	Arithmetic in the third grade	495	121-122
3	Arithmetic unit: a cafeteria	438	43-44
4	Arithmetic in the fourth grade	495	122-123
4	Arithmetic unit: a movie	439	10-11
4	Arithmetic unit on Holland	439	11-13
4	How arithmetic functioned in our study of Switzerland	439	13-16
4	How arithmetic functioned in the making of a puppet show	439	9
5	Arithmetic in the fifth grade	495	123-124
5	Arithmetic unit	439	27-29
5	Arithmetic unit: a play	439	30-32
6	Arithmetic in the sixth grade	495	124-125
6	The arithmetical situations in a unit of the orient	439	40-42
6	Junior II mathematics unit on areas	184	95-97
7	Arithmetic in the seventh grade	495	125-127
8	Arithmetic in the eighth grade	495	127-128
8	Meter reading and checking at home and school	642	312

ARIZONA: † see also Indians

4	Arizona history	114	96-98
4	Why Arizona has many tourists	114	26-27
4	Why many towns in Arizona are located where nothing can be raised	114	27-28
5	Arizona history	114	115-123
7	The climate of Arizona	114	72
7	The natural regions of Arizona	114	71
7	The pasture lands of Arizona	114	74
7	The people and cultures of Arizona	114	73
7-8	Arizona history	114	200-203
8	Constitution of Arizona	114	203-206
g1	Mesa Verde and the cliff dwellings	398	p1

ARMISTICE DAY: see Holidays

ART: ? see also Architecture, Books, Clay, Clothing, Color, Drama, Drawing, Dyes, Embroidery, Flowers, Frieze, Handwork, Illumination, Leather, Metal, Museums, Music, Pictures, Posters, Pottery, Printing, Puppet, Sewing, Tatting, Textiles, Valentine's Day, Weaving, Wood

ART:	continued		
1	Art	133	12-39
1	Art	223	71-72
1	An art unit on color	518	480-481
1	Caring for art materials	207	103-104
1	Color chart	604	618
1	Distributing art materials	207	103
1	Manipulating art materials	207	93
1	Matching colors; playing color games	207	100-101
1	Painting	207	93-94
1	Painting pictures with alabastine	430	4
1-3	Art in the first, second, and third grades	495	100-101
1-3	Physical science as one source of art	118	38-47
1-6	Coloring	610	111-112
1-6	Correlation of the arts	184	90-94
1-6	Expressing aesthetic and spiritual impulses	238	61-63
1-6	Making plaster of paris plaques and molds	432	12-13
1-6	Setting up a homcomer's gallery	609	346-348
1-7	Checking the value of art activities	514	341-342
1-7	Making plaster of paris plaques and molds	514	481-482
1-7	Studying sculpture	514	329
1-7	Using color	514	318-325
1-7	Using design	514	329-336
2	Art	225	70-72
2	An art gallery	316	136-142
2	Conducting an art gallery	629	91-93
2	Painting pictures with alabastine	430	89
3	How do people in communities markedly different from ours express their artistic impulses	514	112-115
4	Art gallery of famous Atlanta people	121	51-55
4	Artistic expression	104	19
4	How are music, literature, and art affected by frontier living	514	150-154
4-6	Arkansas history in graphic art	118	80-86
4-6	Art and handwork	272	81
	Studying simplicity, balance, and stability in manufactured articles of common use.		
4-6	Art in community life	118	64-67
4-6	Art in the fourth, fifth, and sixth grades	194	101-102
4-6	Art in natural resources and industry	118	76-80
4-6	Basic understandings to be developed (industrial arts)	272	79
4-6	General unit on art, nature study, and geography	518	478-480
4-7	Asia's contribution to the arts	426	213-220
4-7	Making murals	486	58
5	Art	121	67-68
5	The contribution of the arts of early American life to the school exhibit	332	456-461
5	Fine arts	333	99-102
5	Old world art	381	47
5	Simple decorative designs	411	8-9
5-6	A visit to the artist colony along the Delaware	408	27-28
6	American literature and art	434	66-72

ART:	continued		
6	Growth of the fine arts	388	51-54
7	Relating art to everyday life	442	9-13
7-8	Art in the seventh and eighth grades	495	102-103
7-8	Home art	518	503-504
7-8	Personal art	518	500-501
7-8	School art	518	502-503
gni	Coloring according to directions (art)	341	41
ASIA: †	see also Arabia, China, India, Japan, Orient, Palestine, Russia		
4	Across the Pacific to Asia	191	49-62
4	Mesopotamian unit	307	30
4-7	Asia as a whole	426	199-200
4-7	Asia's contribution to the arts	426	213-220
4-7	The Babylonians and the Euphrates Valley	426	210-212
4-7	Southeastern Asia	426	206-207
4-7	Southwestern Asia	426	209-210
5	Asia	391	332-336
5	A general view of Asia	190	167-172
5	A geographic overview of the continent of Asia	336	141-144
5-6	Asia	509	59-65
6	Afghanistan	413	131
6	Babylonians	605	103
6	How the people of Asia adapt their ways of living in their environments	171	123-126
6	Independent countries of Africa and south- east Asia	114	58
6	The independent countries of Asia are among the most ancient of civilized nations	268	66-75
6	Irak	413	129
6	Major nations of Asia	129	5
6	Persia	413	130-131
6	Preview of Asia	619	28
6	Southeastern Asia	606	408
6	Southeastern Asia and the East Indies	619	26
6	Southeastern Asia and the neighboring islands - Siam, French Indo-China, Malay Peninsula, East Indies	171	142-145
6	Southwestern Asia	171	149-150
6	Southwestern Asia, a land of ancient empire	619	28
6	Southwestern Asia as a whole	413	126
6	Turkey	413	127
6	What we owe to southeastern Asia, the cradle of the race	152	124-128
6	What we owe to southwestern Asia	510	pni
6	What we owe to southwestern Asia, the cradle of the race	606	162
6	Why have the countries of southern Asia failed to become world powers	110	110-112
6	Why have the countries of southern Asia failed to become world powers	111	128-131
6-8	Asia--the land of ancient cultures	524	216-225
7	Ancient asiatic civilizations which have de- veloped into modern nations of great importance in the world	334	pni

ASIA: continued		
7	How Asia is divided by the great central highlands	391 356
7	Industrialization of Asia	220 95-115
7	Why our trade with Asia is growing	512 13-17
8	Life in Africa and Asia since earliest times	442 39-40
ASSEMBLY: see Programs		
ASTRONOMY: see Calendar, Earth, Heavenly Bodies, Moon, Science, Seasons, Sky, Stars, Sun, Telescope		
ATLANTIC STATES: † see also Colonial Life, Geographical Regions, New England, States; Also by names of states, as New Jersey		
4-6	Middle Atlantic states	391 308
5	How the people of the middle Atlantic states use their natural resources	170 50-54
5	Middle Atlantic region	260 63-66
5	Middle Atlantic states	321 130-137
5	The middle Atlantic states	114 41-43
5	The middle Atlantic states	488 666-668
6	Early and modern life along the south Atlantic coast	336 222-227
7	The Atlantic seaboard	254 3-8
ATMOSPHERE: see Air, Weather		
AUSTRALIA: † see also Animals, Insects, Travel		
3-4	Detailed study of Australia	509 130-135
4	Australia	339 57
4	Australia	260 40-41
4	Life in an island country - Australia	179 73-74
5	Australia	391 336-337
5	Australia and the islands of the Pacific	190 194-198
5	Social development of Australia and New Zealand	492 21
5	The spread of civilization eastward and westward - to Australia and New Zealand	492 19-21
5	Story of Australia and its people	336 169-172
5	A trip to Australia	433 28-31
5	A trip to Australia	437 26-30
6	Australia	197 206-208
6	Australia	488 696-697
6	Australia and neighboring islands	132 747-763
6	Australia, New Zealand and the South Pacific islands	619 28
6	How the people of Australia and New Zealand live and work	171 169-173
7	Australia and New Zealand	277 101-109
7	Australia, New Zealand, and the Pacific islands	391 359
8	Australia and the islands of the Pacific	619 29
AUTOMOBILES: * see also Buses, Manufacturing, Transportation, Travel		
K	Automobile	515 102
K	The automobile and the filling station	186 101-112
1	Learning about our car	330 386-387

AUTOMOBILES: continued

1-6	An automobile tire factory	167	35
2	Filling station	330	426
4	Travel by automobile	606	161
4	Travel by automobile through the plains of France	152	70-72
4-6	Developing our system of roads and the use of the automobile and truck	116	174-175
5	Transportation, gas engine, and the automobile	447	92-93
7	When one can afford an automobile	642	311
gni	Making automobiles	416	31

AUTUMN: see Seasons

AVIATION: see Airplane

BABIES: see Children

BACTERIA: see Bread, Diseases

BAKERS AND BAKERIES: * see also Bread, Wheat

1	The baker	505	176-179
1	The bakery	417	21-24
1	A bakery	443	117-123
1-3	The bakery	446	25
2	Baker and miller	231	21-23
2	Bakery	104	14
2	The bakery	138	41-55
2	The bakery	308	18
2	The bakery	310	33-40
2	Bread and the bakery	186	307-320
2	The flour mill and the farm	186	351-376
3	Flour mill	115	69
4	Wheat and the baking industry	183	68-73
gni	Bakeries	516	29

BALKAN COUNTRIES: † see also Europe

4-7	The Balkan countries	426	179-180
6	The Balkans	197	172-176
6	The Balkan countries	202	pni
6	The Balkan countries, Rumania, Hungary	171	89-92
6	The Balkan states	413	119-121
6	Countries of the Danube and the Balkan peninsula	190	236-241
6	Danube-Balkan countries	132	870-913

BALTIC COUNTRIES: † see also Europe

4-7	The Baltic area as a trade center	426	234-235
4-7	Baltic countries, the Scandinavian Peninsula and Union of Socialistic Soviet Republics (Russia, Siberia, and White Russia)	426	175-179
6	Baltic countries	399	4 16
6	Baltic countries and Poland	413	109-110
6	The Baltic republics	619	28

BAND: see Music, Rhythm

BANDAGES: see First Aid

BANKS AND BANKING: * see also Community, Money, Thrift

K-3	Banking	334	pni
K-3	Banks	604	218
1-3	The town bank	446	25
1-6	Investment, interest, commission	167	34
1-6	School bank or store	623	307-309
2	The bank in the community	316	97-103
2	Banking day	624	44-45
3	School banking	608	224-227
4-8	Banks	603	92
5	Banks and banking	373	32-33
5	The school bank	625	61
5-6	Banks and banking	373	18-19
6	Saving	734	1-12
6	The school bank	330	280-288
6	The school bank	331	198-203
6	The school banking	642	311
7	Banking	786	1-12
7	Banks and banking	288	177-187
7	A study of banking	642	312
7	What I need to know to handle a bank account	642	312
8	Banking	728	1-19
8	Banks and banking	242	320-348
8	A school bank	613	217-220
8	Unit on banking	479	1-29'
8	Unit on investments	479	30-51
gni	The Glenridge bank	243	34
gni	Investing	623	306-307
gni	Saving	623	301-306

BARBARIANS: see Primitive Life

BASEBALL: see Games

BASKETS AND BASKET MAKING: see Art

BATIK: see Textiles

BEAUTY: ? see also Art

K	Beauty in what we see, hear, and do:-		
	from the soil	120	98-99
1-2	Beautifying home, school, and community	212	61-69
1-2	Living and growing with beauty	120	88-91
1-3	Participating in beautification drives in		
	home, school, and community	116	124-126
1-7	Beautifying the home	514	360-361
1-7	Beautifying the school and home environment	514	504-506
2	Beauty in the greenhouse and indoor gardens	120	102-106
2	Living and growing with beauty of music		
	and nature	120	100-101
3	Beauties and wonders of the world in autumn	493	6-16
3	Beauty in Spring's gift to us:- birds,		
	flowers, trees	120	95-97
4	Beauty all about us	119	29
4	Beauty, form, and rhythm in poetry, music,		
	and art	332	443-450
4-6	Beautifying surroundings in home, school,		
	and community	116	191-195
7	The beauty of America's countryside	332	527-536
7-8	Our heritage of beauty	519	91-97

BEES: see Farming, Insects

BELGIUM. † see also Congo, Europe, Netherlands

4-7	Belgium, the Netherlands, and Denmark	426	162-166
6	Belgian possessions	413	139-140
6	Belgium and the Netherlands	197	200-203
6	Belgium, the Netherlands, and Denmark	413	96-102
6	Netherlands, Belgium, Denmark	171	54-57

BIOGRAPHY: see People

BIRDS: * see also Animals, Nature Study, Pets

K	Helping the birds	629	50-51
K	The identification of our common birds	480	20-24
K	Spring birds	515	134-140
1	Bird life	130	2
1	Bird stories	636	473-481
1	Bird study	230	pni
1	Birds	315	86-90
1	Birds	340	19-21
1	Birds	505	192-198
1	Birds	506	47
1	Birds in spring	340	52-54
1	Birds in winter	340	33-34
1	Habits of our common birds	482	74-90
1	Keeping bird records	330	385-386
1	Our bird	264	303-308
1	Some common birds	343	pni
1	Some common birds	350	1-9
1-2	Bird and Arbor Day	231	41-43
1-3	Birds and insects in illustration	118	47-49
1-3	Birds of the community	446	73-76
1-3	The community of birds	447	11-12
1-3	Protecting birds, wild flowers, and wild animals	116	94-96
1-4	Plants, animals, birds, and insects - how helpful or harmful	382	48-53
1-6	Befriending the winter birds	609	306-308
1-6	Birds (Autumn, Winter, Spring)	117	164-165
1-6	Finding what foods the birds like best	609	156-158
1-6	Keeping a gallery of bird residents and travelers	609	151-153
1-6	Keeping a diary of a bird family	609	418-419
1-6	Making friends with the birds	609	154-155
1-6	Stalking birds to learn their ways	609	415-417
1-6	Starting a bird haven	609	420-422
1-7	Constructing a bird bath	514	443-444
1-7	Constructing bird houses	514	443
2	Bird and insect life	225	45-51
2	Bird study	340	59-60
2	Birds	340	68-69
2	Birds	619	25
2	Birds in spring	340	86-89
2	How Sonny Soft Feathers found a home	264	312-317
2	How we may relieve bird suffering in winter	488	1235
2	Our bird friends	777	1-14
2	Our feathered friends	519	16-23
3	Animals and birds of the community	129	3

BIRDS: continued

3	Birds	445	66-81
3	Birds	605	100
3	Birds	613	149-153
3	How birds take care of their baby birds	332	638-640
3	Our bird neighbors	505	317-318
3	A study of birds	120	92-94
3-4	Our feathered friends	794	1-8
4	Bird-breeding	624	103-107
4	Birds	168	23-28
4	Birds	640	252
4	Birds and insects	121	94-97
4	Birds and their relation to their environment and to man's needs	109	42-47
4	California: birds	447	36-41
4	Common land birds	794	9-22
4	Friends in feather and fur	195	33-35
4	Garden friends and foes. Birds	447	29
4	The life cycle in birds, fish, and insects	227	77-84
4	Making bird houses, careful measurement	642	310
4	Nature study - bird life and insects	262	185-201
4	Spring birds	264	354-356
4-6	Birds' nests	308	34
4-6	Sea-gulls	605	354
4-7	Study of birds	486	57
5	Bird migration	483	86-100
5	Birds	168	62-64
5	Birds	506	48
5	Migration of birds and animals	129	4
5	Recognizing and protecting our birds	330	237-245
5	A study of flowers and birds through poetry	264	363-364
5	Unit on birds	397	11-24
5	Unit on birds	643	70-71
			98
6	Bird migration	488	1299-1300
6	Birds	168	99-102
6	The development of animal life. Birds	241	132-135
6	Migrating birds and animals	235	1-2
6	Winter birds	264	365-367
7	Birds: their characteristics and preservation	276	15-17
			22-23
			27-30
8	Birds and agriculture	332	237-238
gni	Birdhouse projects	623	420
gni	Birds and flowers	237	95
gni	Birds of our valley	235	1-9
gni	Our junior Audubon bird club	408	20
BIRTHDAYS: * see also Holidays, Party, Washington			
K-2	Birthdays and holidays	186	70-80
1	Birthday calendar	642	309
1	Festival days and birthdays, incidental	380	19
1	Lincoln's birthday and Washington's birthday activities	430	7
1-3	Lincoln's birthday	634	101
1-3	Lowell's birthday	634	101
2	Abraham Lincoln	340	75-76

BIRTHDAYS: continued

2	Birthday calender, repeated	642	309
2	Birthdays and festival days - incidental	380	27
2	Lincoln's birthday and Washington's birthday activities	430	91-92
3	Birthdays, festival days, incidental	380	35
3	A February birthday unit	308	27-28
3	Lincoln's birthday	435	3
3	Recognition of birthdays and festival days	380	34
5	Too Long Son's birthday	600	287-291
6	Franklin's birthday	171	177
6	Lincoln's birthday	171	177
8	February's famous children	332	668-670

BOATS: * see also Ships, Steamboat, Toys, Transportation, Travel

K	Boat	515	102
K	Boat activity	628	304-306
K	Boats	443	34-41
K	People and freight are carried on boats	481	54-69
K	Traveling by boat	166	pni
1	Boat stories	636	309-321
1	Boats	632	158-172
1	Transportation - boats	107	1-26
2	Boats	417	72-77
2	Boats	104	15
2	Boats and the harbor	800	20-40
2	Portsmouth ferry	380	27
3	Study of boats	604	26-42
3	Transportation - boats	305	45-51
4	Nautical activity	119	34-37
4	Travel by boats	152	66-69
4	Travel by boats	606	161
4-6	Boats	605	354
7	A study of boats	613	206-209
gni	Boats	618	112
gni	A study of boats	604	262-265

BODY, HUMAN: * see also Health

1-6	Hearing	610	183-185
1-6	Posturing	610	200-204
1-6	Smelling	610	224-225
1-7	Caring for the various parts of the body, such as ears, eyes, feet, hands	514	430
2	The inner body	488	1233-1234
2	The outer body	488	1232-1233
2	Protecting the body	488	1234-1235
3	The inner body	488	1247-1248
3	The outer body	488	1246-1247
3	Protecting the body	488	1248-1249
4	How the body works	176	161
5	The ear	198	66
5	The outer body	198	58-59
6	The body beautiful	265	138-145
6	Breathing structures and the common cold	198	85-86
6	How our body works	234	1-3
6	How the systems of the body function	176	172
6	The human body	241	145-148

BODY, HUMAN: continued

6	The inner body	488	1297-1298
6	Outer body and cleanliness	488	1296-1297
6	What the body is made of	198	80-81
6	Workshops of the body and how to keep the workshops clean	198	82-83
7	How the body grows	488	1306-1308
7	The inner body	488	1308-1313
7	The outer body	488	1301-1306
8	How to have a clear, smooth skin	332	245-246
gni	Hands	644	78-89

BOOKS: * see also Illumination, Libraries, Literature, Paper, Pictures, Printing, Reading, Records

1	Books and shelves for our library	603	65
1	Children's original books	430	8
1	Making a booklet	207	111
1	Making booklets	207	98-99
1	Making rhythm book	604	620
1	Picture booklets	604	620
1	Using tables of contents in books	207	84
1-2	Finding the pages in a book	334	pni
1-6	Books and records	640	264
1-6	Making books	432	2-4
1-7	Making books	514	471-473
2	Making word book	604	620
2-4	Our room magazine	604	206-209
3	Editing a third grade magazine	332	641-643
4	Booklet making	468	102-104
4	Books	333	50-56
4-6	Care of books	308	28-29
4-7	Making a "Who's Who" book	486	57-58
5	Making an imitation "horn-book"	641	174
			267-268
6	Book week	600	307-309
6	How to make a book	603	66
6	The story of books and records	314	63-69
gni	Books	640	264
gni	Books	644	100-109
gni	Looking at books	341	38
gni	Making a large class book	341	88-89
gni	Books and bookmaking: how to make a Japanese book	286	1-14

BOYS: see Children, Family

BRAZIL: † see also Amazon, South America

5	Brazil	170	136-140
5	Brazil	158	115-118
6	Brazil	413	66-67
6-8	Brazil - Giant of South America	524	184-189
7	Brazil and two small neighbors	277	26-40

BREAD: * see also Bakers and Bakeries, Food, Wheat

1	Finding out about bread and milk	604	226-237
1	The world's bread and butter	332	118-119
2	Bread	508	2-23
2	Bread and the bakery	186	307-320

BREAD: continued

2	The story of milk or of bread	339	39
2	Wheat to bread	443	175-188
3	Bread, and grains that make it	407	159-160
3	The story of a slice of bread	308	23-24
6	What manufacturing does it take to make a loaf of bread	491	49-55
gni	Yeast and its story	516	39-41

BRICKS. see Building, Clay, House, Manufacturing

BRIDGE: see Transportation

BRITISH EMPIRE: see British Isles

BRITISH ISLES: † see also England, Great Britain

3	Ireland	131	200-207
3	Scotland	131	206-209
3	Wales	131	198-201
4-7	British Isles	426	156-158
5	A trip to Europe and the British Isles	731	16-29
5	A trip to the British Isles	437	57-63
5-6	The evolution of the British Empire	620	34
6	Beginning of Great Britain	202	pni
6	The British Commonwealth of Nations	244	194-206
6	The British Commonwealth of Nations. Why is it a great world power	166	pni
6	The British Empire	114	55-56
6	The British Empire	322	8-33
6	The British Empire	202	pni
6	The British Empire is a powerful commonwealth of nations	268	76-88
6	The British Empire which serves as a balance wheel for Europe	339	83
6	The British Isles	171	42-47
6	The British Isles	190	207-212
6	The British Isles	197	189-191
6	The British Isles	413	79-86
6	The British Isles	488	694-696
6	British Isles	506	48
6	The British Isles	606	408
6	British Isles and Britain's possessions	396	23
	A. In Africa		
	C. Australia		
	B. Asia		
	D. Others		
6	British Isles and British possessions	399	4
			13-15
6	British possessions	413	134-137
6	How has the British Empire developed into the greatest nation of the eastern hemisphere	111	105-109
6	How has the British Empire developed into the largest nation in the eastern hemisphere (include holdings in Africa, Australia, and India)	110	94-96
6	Life in the British Isles	388	59-60
6	A unit of work on the British Empire	244	191-193
6	United Kingdom, Our Motherland - England, Scotland, Wales, and Ireland	606	162

BUCCANEERS: see Ships

BUDGET: * see also Arithmetic, Clothing, Thrift

1-6	Buying on the installment plan	167	26
1-6	Keeping a budget	167	13
1-6	Keeping the town budget	167	14
1-6	Thrifty buying	167	13
3	Expense account, money spent	642	310
5	The school budget	439	29-30
5-6	Making a budget	623	315
6	Budgeting - the arithmetic of finance	788	1-18
6	The family budget	642	311
7	When can one afford an automobile	642	311
8	The budget	288	188-192
gni	Managing a personal financial budget	263	164-182

BUILDERS AND BUILDINGS: * see also Community, Handwork, Houses, Shelter

K	Building a playhouse	628	268-270
K	Making buildings for a play community	604	532
1	Building a house and playing in it	720	10-22
1	Building a playhouse	750	1-43
1	Building with blocks	642	309
1	Nailing	207	105
1	A study of community life with the building of a play village	625	61
1-6	Building	610	103-107
1-6	Changing things into other forms	609	271-272
1-6	Constructing	432	813
1-6	Finding of what things are made	609	283-285
1-6	Municipal group (suggestive of the way a building may be studied)	491	73-74
1-7	Constructing	514	482-483
1-7	Studying architecture	514	328
2	Builders	231	23-24
2	Building the village of Arthurdale	607	136-142
2	Our new building	120	57-59
3	Building materials	187	189-207
3	The buildings of Sacramento	431	44-48
4	Making and furnishing a Chinese house large enough to play in	641	134-138
4	Making miniature Chinese houses	641	129-134
4-7	The architecture of the East	426	220-222
4-7	Interesting buildings of Europe	426	183-184
5	American architecture	121	71-74
5	Building a log cabin large enough to play in	641	173
5-6	European architecture	619	220-226
6	Architecture through the ages	314	328-429
6	Children and architecture	601	22-33
6	The story of man the builder	282	3-346
7	Architecture marches on (famous buildings of old Europe)	619	29
7	Our building resources and how we use them	129	6
7	The work of the builders	114	68
7-8	Building log cabin	607	58-59
gni	Bolts and nuts	516	49
gni	Brick	640	264

BUILDERS AND BUILDINGS: continued

gni	Cement and concrete	640	264
gni	Construction and furnishing of a doll house	618	191

BULBS: see Flowers, Garden, Plants

BULLETIN BOARD: ? see also Art

1	Arranging clippings on the bulletin board; mounting drawings on construction paper mats; mounting pictures and clippings in booklets	207	98
1-6	Arranging a bulletin board	432	6
1-7	Arranging a bulletin board	514	476
4-7	Bulletin board	486	56
gni	Good news bulletin board	618	278
gni	Reading the bulletin board, newspaper clippings, school magazine, and other records	341	76

BURROS: see Animals

BUSINESS: * see also Banks and Banking, Commerce, Industry, Mail Service, Manufacturing, Markets, Money, Occupations, Stores, Trade, Wealth, Work

1-6	Buying (and saving)	610	107-111
1-6	Buying on the installment plan	167	26
1-7	Functioning as a wise consumer	514	367-368
3	Workers who help us in business	129	3
4-6	Evaluating advertising	116	183
5	Helping newsboys with accounts	642	311
5	The planning of a cookie sale	624	111-114
6	Keeping accounts	642	311
7	Buying in our community	614	88-97
8	The age of big business, 1865-1914	152	218-219
8	The age of big business	302	39-44
8	Problems of big business and government regulations	391	387-388
gni	Buying	623	309-313
gni	How to buy intelligently	210	42-59
gni	Managing	644	68-77

BUSES: * see also Automobiles, Transportation

K	Bus unit	380	12
K	Buses carry people from place to place	481	25-40
K	School bus	607	203-204
1	A bus activity	264	299-303
1	Passenger trains and buses	186	229-240
2	Cars, bus	104	15
4	Bus	235	1-2

BUTTERFLY: * see also Insects

K	The life cycle of a butterfly	480	6-12
1-3	The community or the garden (caterpillars, moths, and butterflies)	447	12-13
2	Butterflies, moths, and cocoons	340	58-59
2	Moths and butterflies	340	86
4	Bees and butterflies	605	101
4	Life history of moths and butterflies	235	1-6
5	Butterflies from caterpillars	603	66

CAFETERIA: * see also Food, Health

K	The restaurant	481	122-125
1	The cafeteria	282	2-3
1-6	Restaurants	640	282
1-6	The school cafeteria	167	1
2	A cafeteria	230	pni
2	A cafeteria	380	27
2	The cafeteria	430	93
2	The cafeteria	505	227-231
3	Cheerio cafeteria	265	115-118
3	Hope cafe	506	47

CALENDAR: * see also Birthdays, Christmas, Holidays, Seasons, Weather

1	The calendar teaches arithmetic and geography	792	1-8
1-6	Keeping a nature calendar	609	133-135
1-6	Keeping a spring weather calendar	609	344-345
1-6	Keeping a winter nature calendar	609	235-237
3	Why we have day and night	340	92-93
4	A unit of study on clocks and calendars	441	7-9
4-6	Art and handwork: making a calendar with safety suggestions for the month	272	81
6	The development of the modern calendar	324	50-51
6	Measuring time - the calendar	447	126-127

CALIFORNIA: † see also Cities, Fruit, Mission Life, Motion Pictures, States, Westward Movement

3	Indians of California	605	100
3-4	A guidebook to California	620	33
4	California	131	275-413
4	California	620	170-176
4	California agriculture	144	1-34
4	California explorers	146	44-79
4	California mission project	624	127-131
4	California National Parks	605	101
4	California today	152	53-55
4	California today	606	161
4	California today as contrasted with its early days as a state	386	58-59
4	California's natural life and vacation lands	386	44-49
4	California's story	386	50-59
4	Early California	129	3
4	Early California history	624	100-107
4	The first white men come to California	152	41-45
4	The first white men come to California	606	161
4	Getting acquainted with our state	283	pni
4	Harbors of California	605	101
4	History of California	618	144-145
4	How California came to have its Spanish culture	432	9-17
4	How California came to have its Spanish culture	436	5-15
4	How California supplies the needs of its people	432	31-38
4	How California supplies the needs of its people	436	28-36
4	How people have changed California	285	pni

CALIFORNIA: continued

4	Life in California	386	17-73
4	Manufacturers in California	605	101
4	Means of travel and communication in and to California	619	26
4	The mission periods	404	369-382
			410
			414
			415
			417-418
4	Missions of California	446	105
4	Modern California	404	390-398
			411-412
			415-416
			418-419
4	Northern California	131	395-404
4	The old Spanish period	145	2-31
4	Passing parade of California	445	94-111
4	The Russians in California	386	56
4	Southern California	131	307-340
4	Southern California	285	pni
4	Spanish days in California	605	101
4	The Spanish occupation of California	146	80-139
4	The Spanish period in California	641	60
4	Winning of California for the United States	619	26
4	A vacation trip through California	284	pni
4	Water in California	152	40-41
4	What are the important cities in California and why they have developed	432	39-41
4	What are the important cities in California and why they have developed	436	25-27
4	What California is like today	386	39-49
4	What we can learn about California from maps	432	6-8
4	What we can learn about California from maps	436	2-4
4	Where other important cities of California have developed	386	29-36
4	Why California from a recreational standpoint is an especially desirable place to live	432	42-47
4	Why California, from a recreational standpoint, is an especially desirable place to live	436	37-42
4	Why California is called a state	386	37-38
4-5	California products	627	31-33
4-5	The Spanish trail	707	1-23
5	California redwoods	446	144
5	A trip through California	233	1-8
5	What contribution is California making to the world with its nuts, fruits, vegetables	460	pni

CAMPING: see Recreation

CANADA: † see also Animals, North America

4	Some people of the sea coast New England, Newfoundland, and Norway	157	49-50
4-7	Canada, Newfoundland, Labrador, Alaska	426	137-144
5	Canada	114	47

CANADA: continued

5	Canada	605	102
5	Canada and Mexico, their likenesses and differences	381	47
5	Canada and Newfoundland	197	148-151
5	Canada - its people and its work	381	46
5	Canada, Newfoundland, Labrador	339	67
5	Canada - Newfoundland, Labrador	488	678-681
5	Canada - our friendly northern neighbor	321	164-175
5	French explorers in Canada	605	102
5	Fur trappers of Canada	605	102
5	Industries in Canada	605	102
5	Living in Canada	233	1-2
5	The Northlands - Canada	158	86-92
5	Our nearest neighbors (Canada)	395	50-51
5	Our nearest neighbors	396	23
	Pt. 1. North - Canada		
	Pt. 2. South - Mexico and the countries of Central America	396	23
5	Our neighbor to the north - Canada	190	140-146
5	Our neighbors in Canada	334	pni
5	Similarity of life in Canada with that in the United States	387	62-64
5	A trip to Canada and Alaska	433	2-8
5	A trip to Canada and Alaska	437	1-8
5-6	The food supply of Canada	620	34
6	A brief story of life in Canada from its early French occupation to its present position	336	208-212
6	Canada, Newfoundland, and Labrador	413	49-54
6	Ways of living in Canada	179	178-188
7	How Vancouver and the State of Washington have changed from a wilderness into a prosperous area	512	18-115
8	Dominion of Canada	490	39-44

CANDLES: see Colonial Life

CAREERS: see Occupations

CARIBBEAN COUNTRIES: see West Indies

CARNIVALS: See Circus, Fair, Festival

CARPETS: see Weaving

CARS: see Automobiles, Transportation

CARVING: see Art, Handwork, Wood

CATERPILLARS: see Insects

CATTLE: see Animals, Farm

CAVE MAN: see Primitive Life

CENTRAL AMERICA: see Latin America

CEREALS: * see also Agriculture, Food Grains, Wheat

1-6	Cereals - wheat	167	3
6	Cereals and civilizations - the contribution of the farmers to the progress of civilization	488	1038-1042
6	Cereals and civilization - wheat, corn, rice	262	319-327

CHARACTER: ? see also Personality

1-6	Expressing aesthetic and spiritual impulses	238	61-63
1-6	Helping	610	185-188
1-6	Petting	610	190-193
1-6	Smiling	610	225-227
3	Character development and recreation	486	11
4	Friendship and service	119	6-7
5	How the individual discharges his responsibility to others	498	202-203
6	Character building	506	48
6	In unity there is strength: love, charity, service	121	127-129
6	Teaching honesty through activities	751	1-19
7	Should I be courteous	614	45-46
8	How can I be truly patriotic	614	8-10
8	How should I form my opinions	614	14-18
8	How to get along with people	614	19-22
8	Prejudices	614	36-44
gni	Character education	273	64-80

CHARTS: see Graphs

CHICKENS: * see also Animals, Farm, Poultry

K-3	A poultry farm	632	205-216
1	Care of hens	632	4-7
1	Chickens, the chicken hatchery, and the poultry farm	186	173-194
1	Setting a hen	604	114-118
1	Visiting a hatchery	330	388-389
1-6	Helping a mother hen rear a family of chicks	609	412-413
1-6	The rabbit and chicken business	167	28
2	Cluck and her chicks	603	65
2	Finding out about chickens	604	118-127
2	Raising chickens	334	pni
3	We keep our chickens and sell eggs	603	68

CHILDREN: * see also Family, Home Life, Playing

1	Becoming acquainted with each other	330	368
1	Billy and Betty	506	47
1	Far away children	771	1-12
1-3	Children in many lands	118	14-18
1-7	Performing the duties involved in infant care	514	434-435
2	Child life today	339	39
	Eskimo children		
	Dutch children		
	Mexican children		
3	Child life in China	608	305-313
3	Child life in other lands	115	72-73
3	Child life in the jungles	608	314-333
3	Children of other lands	625	134
3	Children of the desert	339	47
3	Foreign children	130	5
3	Merced County in relation to the everyday life of the child who lives in it	319	48
3-4	Children of other lands	620	35
4	Child life in distant lands	621	91-92
4	Children of other lands	195	45-46

CHILDREN: continued

4-6	Children	605	355
8	Care of younger children	278	154-163
8	Child care and development	176	125
gni	Joyful adventuring with boys and girls of many lands	176	32-33
CHINA:	† see also House, Orient, Pottery, Silk, Social Studies		
1-3	Japan and China	400	70
3	Child life in other lands - China	491	36-40
3	China	131	113
			136
3	China	172	33-39
3	China	182	136-139
3	China	199	86-92
3	China	625	61
3	China	736	1-10
3	Chinese	260	17-18
3	Chinese	619	25
3	How the people of China live	233	1-5
3	Study of China	196	36-41
3	Study of Chinese life	604	291-298
3	Visiting China	331	132-135
3	What would we see in China	603	65
4	A brief story of life in China, a very old country	336	75-78
4	China	157	51-52
4	China	202	pni
4	China	339	57
4	China, African Congo, Arabia, Switzerland	605	101
4	Chinese and Japanese	619	29
4	Creative play in a Chinese unit	605	511-512
4	How do Chinese people live	497	84-95
4	Life in a land of many people - China	179	63-72
4	Life in China	321	73-82
4	Making and furnishing a Chinese house large enough to play in	641	134-138
4	Making Chinese clothing	641	143-146
			160
4	Preparing and cooking Chinese food	641	140-143
			155-159
4	A study of Chinese life	641	62-171
4-5	Life in temperate countries - Japan and China	523	81-85
4-7	China	426	205-206
4-7	The Chinese Republic	426	202-205
5	China	166	pni
5	China	190	173-177
5	China, land of contrasts	381	47
5	How China, a very old nation, is waking up	336	150-156
6	China	132	583-602
6	China	171	133-137
6	China	202	pni
6	China	404	628-641
			651-653
			661-665
			670-671

See also shelf 9 371.3

CHINA: continued

6	China	606	408
6	China	643	177
6	China and other independent countries of Asia	396	24
6	China and other independent countries of Asia	399	4 18-19
6	China and Russia as lands of undeveloped resources	244	207-217
6	The Chinese Republic	339	85
6	Life in Japan or China	388	55-59
6	What the Orient (China, Japan, and India) has contributed to the Occident	606	162
7	The awakening of the Sleeping Giant (China)	500	36-49
7	China - an ancient nation - a changing agricultural civilization	245	20-21
7	China, a changing agricultural civilization	152	198-200
7	China: a changing agricultural civilization	301	76-78
7	Current events - China and Japan	237	90-91
7	Why China has been so little known to the rest of the world	500	8-18
7	Why the early culture of China did not continue progressive	500	19-35
7-8	Chinese poetry	620	82
gni	China	618	64

CHIPMUNKS: see Animals, Pets

CHIVALRY: see Feudalism

CHORAL GROUPS: see Music, Singing, Songs

CHRISTIANITY: see Church, Religion

CHRISTMAS: * see also Holidays, Party, Toys

K	Doing for others is a part of Christmas	481	177-184
K-8	A school shares Christmas gifts	784	1-25
1	Christmas	315	104-106
1	Christmas activities	430	6
1	The Christmas season	339	30
1	The Christmas tree	340	30-31
1	Holidays in the home: "Christmas"	135	76-97
1	The reindeer and Santa Claus	340	31-32
1	What shall we give Mother for Christmas	166	pni
1-2	Christmas	233	38-40
1-3	Christmas	634	101
1-6	Christmas	167	12
1-6	Comparing Christmas trees	609	309-311
2	Activities connected with Christmas	339	38
2	Christmas activities	430	91
2	Christmas, Santa Claus	340	74-75
3	Celebrating Christmas in other lands	330	149-160
3	Celebrating Xmas in other lands	331	116-123
3	Christmas	435	3
3	Christmas customs	608	254-266
3	Christmas Day	131	176-177
3	Christmas in other lands	182	96-100
3	Christmas pageant based on Christmas in Holland	624	96-98

CHRISTMAS: continued

3	A Christmas play	333	23-28
3-6	An old English Christmas	705	1-41
5	Christmas customs	605	32
5	Christmas, the best-loved of the holidays	332	466-473
5	Preparing for a Christmas play	439	23-25
5	The writing and presenting of a one-act playlet for the Christmas program	624	111-114
5-6	A Christmas carol pageant	119	25-28
6	Christmas	171	177
6	The first Christmas	507	44-47
6	A one-act Christmas play	624	118-120
7	A Christmas party	237	91
7-8	Planning the family Christmas	488	1480

CHURCH: * see also Community, Religion

K	Church	515	102
1	Churches	130	6
5	The story of Christianity and Mohammedanism	336	113-116
6	The Church (Feudalism)	149	16-37
7	How does the Church function as a means of social control	514	295-297
8	Fundamental institutions - home, school, and church	113	243-250

CIRCUS: * see also Animals, Fair, Zoo

K	A circus	129	1
K	Circus	308	3-4
K	Circus	604	310-314
K	The circus	624	72-75
K	The circus	628	288-293
K	Presenting a circus	630	307-308
K-1	Circus unit	307	28
1	Animals - circus	104	13
1	The circus	199	40-44
1	Circus	235	1-3
1	The circus	332	868
1	The circus	339	32
1	Circus	380	19
1	A circus	443	110-116
1	The circus	521	159-162
1	The circus	619	28
1	Circus and zoo animals	235	1-4
1	Circus unit	308	7-8
1	Having a circus	330	379-380
1	Our class circus	330	98-105
1	Our class circus	331	56-60
1	Our school circus	506	47
1	Our very own circus	768	1-23
1	Our penny circus	709	13-18
1	Playing circus	207	132
1	The zoo and the circus	512	f29-f37
1-3	The circus	446	23
			76-78
1-3	The circus	640	175
1-3	Pets, the farm, the dairy, or the circus	447	10-11
1-6	The circus	639	1-240
2	The circus	316	123-128

CIRCUS: continued

2	A circus	380	25
			27
2	The circus	417	85-88
2	The circus	518	650-653
2	A circus activity	257	25-29
2	The circus unit	620	121-128
2	Our circus and menagerie	603	65
2	Wild animal life - the circus	619	25
3	The circus	330	428
3	The circus	620	141-150
4	Animals of circus and zoo	619	29
4-7	Circus	486	55-56
gni	The circus	273	46-48
gni	The circus	400	59-60
gni	Circus	623	246-247

CITIES: ? see also Citizens, Community, Manufactur-
ing, Town, United States

K	How the family lives and works - our city (Science experiences)	222	36-40
K	How the family lives and works - our city (Language arts experiences)	222	19-23
K-3	Our city	425	22-24
			46-47
			57
			99-100
1	City helpers	636	235-247
1	City workers	130	6
1	How children help in the city	636	248-260
1	What do we know about Glendale	603	68
1-3	Our city	640	175
1-3	Christening the village (Oshkosh)	403	31
1-3	Manitowoc then and now	317	80-93
1-3	Oshkosh becomes a city	403	37-41
1-3	The story of Cleveland	178	pni
1-3	What the greater world gives to Manitowoc	317	21-42
2	City workers	130	7
2	A study of city life	625	61
2	City and country life	250	16-17
2	How do the city and county cooperate to meet the needs of the child	491	98-105
2	How and where can one spend leisure time in Santa Barbara	456	pni
2	Manitowoc then and now	316	104-118
2	Play city	293	16-27
2	Samantha	506	47
2	Study of a village	607	26-28
2	A play city	767	1-19
3	Berkeley	131	79-93
3	A city of today	732	20-28
3	The building of Sacramento	435	54-59
3	The climate of Sacramento	431	11-13
3	The country community around Sacramento	431	60-64
3	Des Moines - our city	187	241-282
3	Detroit	190	64-67
3	Early flint	204	1-13

CITIES: continued

3	East Greenwich	196	50-54
3	The early history of Seattle	467	41-44
3	Educational facilities of Sacramento	435	37-45
3	Pueblo of San Jose	619	25
3	A history of Cicero	175	18-23
3	Life in a large city	157	17-19
3	Louisville today	297	1-34
3	Norfolk - history and geography	380	34
3	City of San Jose today	619	25
3	Our city	283	pni
3	Ports of the world	619	29
3	San Jose of the fifties	619	25
3	Our city	416	20-22
3	Points of interest in Norfolk	380	35
3	Present-day Flint	204	1-13
3	Santa Barbara harbor	465	1-9
3	The story of New Brunswick	339	48
3-4	Getting acquainted with our city	284	pni
4	Chicago, our great lake port	381	41
4	The development of Grand Rapids	244	24-27
4	Cities and towns	619	25
4	Eureka, Monterey, and San Diego as coast cities	386	34-36
4	Our school becomes the city	790	20-28
4	How Grand Rapids grew from an early trading post to the city of today	244	34-38
4	Constructing a play city	618	93-94
4	How Fort Worth started and how it became what it is today	217	28-56
4	How Fort Worth started and how it became what it is today	227	9-13
4	Following Chicago through a hundred years	629	169-178
4	Leaders of Grand Rapids and early Michigan	244	39-42
4	Community of San Jose	619	238-327
4	Los Angeles as the southern center	386	29-31
4	Marquette and La Salle	114	93-94
4	Monterey	131	297-306
4	New York, our chief shipping port	381	40
4	Our city	283	pni
4	Reasons for the development of leading cities and communities	386	27-28
4	Sacramento, Stockton, and Fresno, as valley centers	386	31-33
4	San Francisco Bay region	131	275-296
4	Study of the town of Winchester	521	91-109
4	Why Oakland is one of the important cities of California	386	18-19
4	Williamsburg, Virginia's colonial capitol	381	41
4-7	Civic needs of the people of early Rochester	426	91-92
4-7	The first settlers of Rochester	426	87-88
4-7	Manhattan Island and Long Island - New York City	426	95-97
4-7	Occupations of the early settlers of Rochester	426	88-89
4-7	Our city and state, their services to people at home and abroad	426	21-24
			47-50
			85-109
			256-258

CITIES: continued

5	Cities	605	102
5	Cities in the western states	158	49-51
5	Des Moines, our city	189	39-71
5	The growth of cities	313	33-45
5	How boys and girls can help Chicago	170	23-28
5	How the region became a great city	170	13-17
5	How New York became our greatest city	629	201-206
5	How the city was partially destroyed and rebuilt	170	18-22
5	Memphis and Tennessee	321	84-100
5	What do other sections of the United States share with Chicago	629	187-189
5	The settlement of New York	177	pni
5	How does Chicago obtain and use lumber	629	194-197
5	How does Chicago obtain and use iron	629	190-193
5	Happyville	615	260
5	New York City	641	60
5	A study of Des Moines, our city	188	5-18
5	Washington, the heart of the nation	387	57-58
5	Why does Philadelphia hold such an outstanding place in the history of our country	166	pni
6	We study Cincinnati's new terminal	603	70
6	Atlanta and her government	119	2-3
6	Houston	252	12-13
6	The industries of Fort Worth and how they came to be established	219	50-57
6	The industries of Fort Worth and how they came to be established	229	27-35
6	Our city	381	52
6	A study of the city of Springfield	491	56-59
7	Ann Arbor's adjustment	113	164-171
7	City life	501	115-120
7	City planning	501	109-114
7	Henderson City - an experience in community life	243	167-175
7	Important phases of city life	501	35-70
7	Reason for growth and location of cities	501	5-34
7	Social problems affecting life in all cities	501	89-103
7	A study of our own village - Glendale	603	66
7-8	Cities of the United States	208	77-78
8	America's cities by night and day	332	574-586
8	Our city	429	1-5
8	Problems of urban peoples	242	288-319
gni	The health of the city	615	72-73
gni	City planning in Clayton	243	34
gni	Developing a model city	243	35
gni	Our city	377	9-36
gni	City planning	615	61

CITIZENS: * see also Cities, Community, English, Flag, Government, Immigration, Literature, Occupations, Safety, School, United States

1	Citizenship	488	1224-1227
1	Citizenship club	619	24

CITIZENS: continued

1-6	Performing the responsibilities of citizenship in the home, the state, the nation and with other nations	238	47-50
2	Citizenship and character development	339	39
3	Character and citizenship	339	48
3	Good citizenship	506	31-35
3	The little citizen of the world	230	pni
4	The little citizen of California	230	pni
5	American ideals developed by public-spirited citizens	387	53-56
5	The young citizen of the United States	230	pni
5-7	Building better citizenship	507	37-38
6	The young citizen of the world	230	pni
8	America's adopted citizens	332	562-569
8	Citizenships review	488	1104-1105
8	How are we as citizens responsible for the needs of America	488	756-760

CITRUS FRUITS: see Fruit

CIVICS: ? see also Citizen, Community, Fire, Police, Post Office, Safety, United States

1	Civic agencies of environment	444	13
	Postman		
	Fireman		
	Policeman		
	Safety		
1-3	Civic life	400	37
2	Civic agencies: neighborhood parks, library, police department, fire department, health and safety	444	14
2	Civic helpers	417	46-48
2	Civic life	304	75-80
2	Our civic center	417	52-56
7	Community civics	262	388-392
			393-397
8	Civics in the eighth grade	495	75-76
8	Civics - state and national	262	448-452
8	Community civics	114	211-215
8	Community civics	392	64-94
8	State civics	392	23-38

CIVIL WAR: † see also History, United States, Wars

5	The Civil War	114	110-112
6	Reconstruction after the Civil War	177	pni
6	Sectionalism and the Civil War	177	pni
7-8	How the nation was divided and reunited	208	63-65
8	The alienation of the North and the South	488	618-621
8	The great conflict: one nation or two	152	231-233
8	The great conflict: one united nation or two	246	31-36

CIVILIZATIONS: ? see also Crusades, Feudalism, History, Machine, Man, Manners, Middle Ages, Renaissance

6	The early civilizations (story form)	396	23
6	Early civilization	446	151-160
6	Early civilizations	625	134
6	How ancient peoples aided civilization	171	8-13

CIVILIZATIONS: continued

6	How did civilization begin	114	127-130
6	The old world's contributions to civilization	381	52
6	When civilization was young	402	92-97
6-8	The dawn of civilization	523	97-99
7	Civilizations of fertile crescent	489	10-13
7	Introducing the study of modern civilization	152	187
7	Introduction to modern civilization	245	11
7	Introduction to modern civilization	301	48-49
7	A new day for civilization	405	15-16
7	Review of changing civilizations in the modern world	152	203
7	Summing up changing civilizations in the modern world	301	89-93
7-8	How the frontiers of modern civilization have been extended	208	102-103
8	How are we as citizens responsible for world citizenship	488	755-756

CLASSROOM: see School

CLAY: * see also Modeling, Pottery

1	Making things with clay	430	4-5
1	Modeling with clay	207	95-96
1-7	Using clay	514	338-340
2	Making things with clay	430	89-90
4-7	Clay modeling	486	54
5	Indian pottery and clay	119	31-33
gni	Dutch tiles	273	119
gni	Making things of clay	341	97

CLEANLINESS: * see also Community, Health, House-keeping, Sanitation, Soap

1	Health and cleanliness	506	47
1	How to keep clean	319	38
1-2	Cleanliness	274	69-70
1-6	Bathing	610	90-94
1-6	Washing	610	245-249
1-7	Forming habits of personal cleanliness and neatness	514	430
2	Cleanliness	198	28-29
2	Keeping clean and neat	319	14
3	Cleanliness	198	42
4	Cleanliness	198	49-50
5	Cleanliness	483	57-63
5	Cleanliness	506	48
6	Cleanliness in the home	198	90
6	Cleanliness of the outer skin	198	84
6	Outer body and cleanliness	488	1296-1297

CLIFF DWELLINGS: see Arizona

CLIMATE: * see also Geography, Seasons, United States, Weather

3	Climate of Sacramento	435	11-13
3	How people adapt their ways of living to climatic conditions	216	95-133

CLIMATE: continued

3	Weather and climate in relation to sources of food	640	252
4	Causes and influences of climate	640	252
4	How climate and other environmental factors affect the activities of man	402	33-41
4	How does life in a climate that is hot and dry differ from that in the Panhandle	111	17-22
4	How does life in the cold lands differ from that in the Panhandle	110	41-44
4	How does life in the cold lands differ from that in the Panhandle	111	49-53
4	How geographic environment affects life in a cold country	244	60-66
4	Importance of climate, natural life, and recreational opportunities	386	22-26
4	Type regions: cold lands	104	19
4	Type regions: semi-arid lands	104	19
5	Climate and occupation	332	182-183
5	The climatic conditions of the southern states and their influence upon the life of the people	158	22-23
5	Many kinds of land and climate (western states)	158	37-38
5	Weather and climate	343	pni
5-6	Weather and climate	347	1-11
7	Climate	488	723-726
7	The climate of Arizona	114	72
7	The climates of the world	384	64
7-8	Weather and climate	255	13-18

CLOCKS AND WATCHES: see Time

CLOTHING: * see also Cotton, Dyes, Home, Manufacturing, Modeling, Primitive Life, Sewing, Silk, Tatting, Textiles, Weaving, Wool

K-3	Basic needs: food, shelter, clothing	272	33-34
K-3	Food and clothing from afar	425	31-33
			48-49
			61-70
			106-109
K-3	Our need for food, clothing, and shelter	425	26-30
			47-48
			58-61
			103-105
1	Clothing and health	265	89-92
1	Clothing in the home	262	40-43
1	How does our family provide itself with food, clothing, and shelter	514	44-46
1	Plants that clothe us	332	119-120
1	A unit of work on the clothing of the family	185	52-58
1-2	Clothing	274	71-72
1-3	Clothing	446	23
1-3	Clothing, food, shelter	447	11
1-3	Food, shelter, clothing	447	18-19
1-3	How people dress	118	32-34
1-3	The millinery shop	446	25

CLOTHING: continued

1-3	Selecting appropriate and adequate clothing and food	116	102-105
1-3	The shoe store	446	25
1-6	Clothing	640	264
1-6	Clothing expenses	167	2
1-6	Clothing of the American people	244	251-259
1-6	Dressing	610	121-128
1-6	Finding how we get our clothing	609	179-181
1-7	Selecting clothing	514	363-364
2	Clothing	130	4
2	Clothing	327	51-59
2	Clothing	510	pni
2	Clothing	619	25
2	Clothing in the community	262	64-68
2	Clothing in the community	370	53-76
2	How our neighborhood secures food, clothing, and shelter	498	175-177
2	Our clothing: wool, cotton, silk	444	14
2	Sources of clothing	476	1-7
2	Sources of clothing - cotton	474	1-7
2	A unit of work on clothing	185	93-97
2	Workers who make our clothes	505	272-273
3	Clothing	130	5
3	Clothing	131	231-232
3	Clothing	190	48-51
3	Clothing	260	9-10
3	Clothing	325	104-105
3	Clothing	340	125-138
3	Clothing	343	pni
3	Clothing	356	1-9
3	Clothing	486	11
3	Helpers who give us clothing	505	344-346
3	How is our clothing made	603	65
3	How we get our clothes	175	3-11
3	Mexican clothing	142	80-93
3	People of the world contributing to transportation, clothing, and shelter needs	520	103-104
3	Shoes	729	1-13
3	Sources of clothing	332	155-157
3	Sources of food and clothing	640	252
3	The story of clothes	418	8-19
3	Switzerland, clothes	143	24-32
3	Where our clothing comes from and what people work together to furnish it for us	100	83-95
3	Workers who help us secure our clothing	129	3.
3-4	Clothing of primitive man	509	136-137
4	Clothing	104	19
4	Clothing	121	121-123
4	Clothing	506	48
4	How our clothing is secured	169	40-45
4	How we are clothed	381	27-30
4	How we get our clothing	217	146-167
4	How we get our clothing	227	34-39
4	How we obtain the clothes we wear	131	437-448
4	The making of shoes	183	88-90
4	Where clothes come from	166	pni

CLOTHING: continued

4-6	Adjusting clothing to different climates	116	139
4-6	Our clothes	180	18-21
4-6	Planning and selecting appropriate clothing	116	195
4-6	Utilizing animals for man's food and clothing	116	161-162
4-6	Utilizing plants for man's clothing	116	160-161
4-7	Making clothing	486	53
5	Appropriate school clothing	412	23-24
5	The care of clothing	412	24-26
5	Clothing	198	60-61
5	Clothing	282	21-22
5	Clothing	446	136-144
5	Clothing	447	62-66
5	Clothing	605	102
5	Clothing	774	12-25
5	Clothing - cotton, rayon, and linen	447	80-82
5	Clothing: silk	447	64-66
5	Clothing: wool	447	62-64
5	A study of cloth	613	177-181
5	Undergarments	412	29-33
6	Clothing in relation to health	412	36-37
6	Clothing project	637	35-41
6	Everyday clothing	412	53-66
6	Our country's clothing resources and how we utilize them	434	36-44
6	Shelter and clothing	461	pni
6	Thrift in relation to clothing and sewing equipment	412	37-47
7	An appropriate costume for graduation	412	89-94
7	Care and upkeep of clothing	278	108-119
7	Children's clothing	412	80-84
7	Clothing	176	124
7	Clothing and textiles	412	69-76
7	Clothing in relation to health, comfort, and appearance	278	64-76
7	Colored handkerchiefs	411	46
7	Infants' clothing	412	84-88
7	Our clothing resources and how we use them	129	6
7	Selection of ready-made garments	278	96-108
7	Textiles and clothing	488	1424-1434
7-8	Caring for our clothing	488	1471-1472
7-8	Clothing	255	40-44
7-8	Personal grooming and care of clothing	488	1474-1476
8	Clothing	176	125
gni	Buying our clothing wisely	263	118-149
gni	Cleaning clothes	516	14-15
gni	Clothing	164	pni
gni	Hats	516	18
gni	Making things of cloth and yarn	341	97-99
gni	Uniforms	516	22-23
gni	Wise selection of goods	211	237-253

CLOUDS: see Weather

CLUBS: * see also Boats, Books, Safety, Stories

1	Forming a bicycle club	330	372
1	Forming a boat club	330	387-388

CLUBS: continued		
1	Safety club	619 24
1-2	A reading club	620 33
1-2	Story club	370 49
1-6	A children's club day	600 322-323
1-6	Conducting clubs	432 S20
1-7	Conducting clubs	514 498-499
2	A reading club	608 108-118
2	A safety club	120 71-72
3	The wide-awake club	608 215-223
4	Our book club	264 343-346
4-7	Organizing clubs	486 58
6	The Argonaut club	284 pni
6	Subject club	506 48
7	Society for improving students	795 36-42
COAL: * see also Fuel, Heat, Mining, Geography		
3	The coal age	240 135-137
4	Mining: why coal is necessary to industry	381 41
4	A unit on coal	441 12-16
4-6	A unit on coal	518 485-488
5	Life in the eastern section - the factory worker, the steel worker, the coal miner	387 25-25a
5	Coal and iron, and the cities benefited by them	158 73-74
6	Resources and industries - coal, iron, and oil	262 293-301
7	Power: water, coal, oil ...	603 70
gni	Ice, coal, and oil	516 19
COD FISHING: see Fishing		
COLD COUNTRIES: ? see also Eskimos, Greenland, Northland, Norway, Polar Regions		
4	People living in the cold countries	468 175-207
4	How people live in very cold regions	336 42-46
4	Life in cold lands (Lapland and Greenland)	233 1-2
4	Life in cold lands	321 8-16
4	Life in very cold lands - the Arctic and Antarctic	179 43-50
4	Study of life in cold lands and hot lands	197 100-106
4-5	Life in cold, dry countries	523 66-69
	A. Greenland	
	B. Labrador	
	C. North and South Poles	
4-6	Life in high altitudes	272 61
5	Labrador, Newfoundland, Greenland, and Iceland	158 96-97
COLDS: see Diseases		
COLLECTIONS: see Hobbies		
COLOMBIA: see South America		
COLONIAL LIFE: ? see also America, Discover, Exploration, History, Home, House, Mission Life, Pilgrims, Puritans, Revolution, Thanksgiving Day, United States, Washington		
1-3	Boys and girls of colonial days	117 137-138

COLONIAL LIFE: continued

1-3	The first permanent settlers (Oshkosh)	403	28-31
3	The colonial home	305	102-103
3	Colonial unit	603	77
3	How pioneer and colonial man met his physical needs	320	99-111
3	Life in colonial times	603	68
4	Colonial America	197	89-93
4	Colonial days	491	41-43
4	Colonial life	200	128-140
4	Colonial life	201	100-133
4	Colonial life	459	1-6
4	Founding of settlements in the New World	488	550-552
4	Life in colonial times	197	94-99
4	Life in colonial times	488	552-556
4	Raleigh the colonizer	114	90
4	Stories of six early colonies	114	90-92
4	A unit on colonial life	506	48
4-6	How the early American colonist lived	117	151-154
4-7	Candle making	486	54
5	The colonial family was largely self sufficient in obtaining its food, clothing, and shelter	488	975-996
5	Colonial home life	147	7-12
			22-30
			34-36
5	Colonial life	218	44-58
5	Colonial life	307	30
5	Colonial life	446	126-128
5	Colonial life	488	1406-1414
5	Colonial life: amusements	147	15-16
			31
5	Colonial life: education	147	14-15
			30-31
			37
5	Colonial life; flax and linen	447	71-72
5	Colonial life; historical background	147	19-21
			33-37
5	Colonial life: religion	147	12-14
			30
			36
5	Colonial life: travel and communication	147	16-19
			32-33
			37
5	Colonial study	607	156-158
5	Colonization	402	66-68
5	Early colonial life	330	431
5	England's colonies in America	603	70
5	English colonies win independence from the mother country - Revolutionary war period	132	191-218
5	The Europeans who came to the English colonies in America and how they lived	334	pni
5	How the English colonies came to be independent and how they formed a nation	396	4
			22
5	Life of these colonies	104	20

COLONIAL LIFE: continued

5	Making colonial clothing	641	174
			251-255
5	Preparing and serving a colonial meal	641	174
			246-251
5	The people who colonized America	244	89-96
5	A study of colonial life	641	172-297
5	A study of life in colonial Virginia and Massachusetts	188	23-63
5	A unit on colonial life	147	1-51
5-6	Colonial life	262	216-232
5-6	Colonial period in history: development of the colonies and the intercolonial struggles prior to the Revolutionary period	509	178-197
6	How the people lived and worked in the middle colonies and how they live there today	336	235-239
6	The old world seeking new homes and wealth in the new world through colonization	324	43-47
6-7	Colonists as people	622	206
6-8	The colonies fight for independence	524	159-162
6-8	The colonies prepare themselves for freedom	524	156-158
6-8	How the colonies formed a new government	524	163-166
7	America of plantation days	332	511-519
7	American home life in colonial days	332	506-510
7	Back to colonial days	719	17-26
7	The colonies become the United States of America	279	1-11
7	Colonization	391	361-363
7	How has colonization and colonial life affected the history of our nation	488	601-606
7	How the American colonies became a democratic nation	402	155-170
7-8	The colonial period	622	220
7-8	Colonization	114	165-173
8	The age of colonial America	427	19-21
8	Approach unit: colonial America	334	pni
8	Colonial America	428	4-5
8	Colonial government in America	603	70
8	Colonial possessions and foreign policy	391	389-390
8	Colonizing and living in early America	442	47-49
gni	American colonial life	287	1-253

COLOR: see Art, Dyes, Primitive Life

COLUMBUS DAY: * see also America, Discovery, Exploration

1	Finding out about Columbus Day	430	5-6
2	Finding out about Columbus Day	430	91
3	Columbus Day	131	164-167
3	Columbus Day	435	2
6	Columbus Day	171	175

COMMERCE: * see also Banks, Boats, Business, Communication, Community, Fair, Food, Manufacturing, Markets, Money, Railroads, Rivers, Ships, Trade, Transportation

COMMERCE: continued

K	The fair sale to earn money	481	185-194
K	People and freight are carried on boats	481	54-69
1	Commercial agencies of the environment	444	13
	Grocery store, Dairy, Bakery, Cafeteria, Flower shop, Toy shop		
1	Planning wise spending of money	330	381-382
1-3	Traders and trading posts	403	25-28
2	Freight, freight trains, and trucks	186	287-306
4	Man's early attempt to control the sea and establish commerce	262	158-165
4	Man's early attempt to control the sea and establish commerce	488	967-972
4-7	Transportation and commerce	426	124-127
4-8	Commerce	603	92
5	How have inter-commercial relationships between the Americas tended to develop a friendly feeling between them	110	79-82
5	How have inter-commercial relationships be- tween the Americas tended to develop a friendly feeling between them	111	88-91
7	The commerce of the United States	277	195-207
7	The development of commerce	254	49-52
7	How do social agencies influence the con- sumer in his choice and use of goods	514	278-283
8	How the rapid growth of industry and com- merce has affected us	398	pni
gni	Barter	644	7

COMMUNICATION: * see also Airplane, Commerce, Mail,
Newspapers, Radio, Railroad, Records, Roads,
Telegraph, Telephone, Trains, Transportation

K	Means of communication	123	16-19
K-1	Communicating	456	24
K-3	Communication	272	37-38
K-3	Transportation and communication	604	258-261
1	Communicating	458	5
1	Communication (city)	130	6
1	Communication	178	pni
1	Communication on the farm	123	23-24
1	How members of the family travel and com- municate	108	63-71
1	How members of the family travel and com- municate	498	169-170
1	Interdependence with respect to communica- tion	214	53-59
1-3	The relationship of communication to our interdependence within the greater world community	317	64-79
1-6	Communication in our country	640	40-41
1-6	Providing communication	329	104-111
1-6	Study of communication	244	230-233
1-6	World communication	244	281-286
2	Communicating	456	28-29
2	Communication	130	7
2	Communication unit	257	12-17
2	Community communication and transportation	262	75-82

COMMUNICATION: continued

2	How does our community provide for transportation and communication	514	77-80
2	How people in our neighborhood travel and communicate	498	177-178
2	Transportation and communication in the community	108	96-105
2	Transportation and communication in the community Trains, Airplanes, Buses, Radio Station, Post Office	444	14
2	A unit of work on communication	185	98-102
2-3	Helpers in transportation and communication	486	5
3	Communicating	456	34-35
3	Communication	130	5
3	Communication	131	235
3	How does physical environment affect communication and transportation	514	107-109
3	How transportation and communication have brought communities closer together	108	156-164
3	The method of communication in Sacramento	431	55-59
3	Method of communication in Sacramento	435	68-72
3	Methods of communication in Bakersfield	129	3
3	Transportation and communication (Mexico)	142	148-155
3	Transportation and communication	247	1-54
3	Transportation and communication	251	8-9
3	Transportation and communication	486	11
3-4	Developing and using communication	213	56-65
4	Communicating	456	39-40
4	Communication and transportation	619	25
4	How do ways of communication and transportation help to advance the frontier	518	664-665
4	How do ways of transportation and communication serve to advance frontiers	514	144-147
4	How we communicate with each other	131	495-505
4	Means of travel and communication in and to California	619	26
4	The story of communication (telephone)	772	1-12
4	Transportation and communication	104	19
4	Transportation and communication in California	129	3
4-6	Becoming acquainted with the heroes of transportation and communication	116	178
4-6	Developing our civilization by the aid of transportation and communication	116	172-173
4-6	Discovering how natural forces may affect transportation and communication	116	171-172
4-6	How we travel and communicate	118	70-74
4-6	Transportation and communication	117	139-142
4-7	The development of communication	426	127-131
5	Changed methods of travel and communication	387	41-43
5	Communicating	456	44-45
5	Communicating facts about foods: use of communication technique	455	pni
5	Communication	121	62-64
5	Communication	446	136-139

COMMUNICATION: continued

5	Communication - the electric bell	447	96
5	Communication; its development in the United States	313	48-55
5	Communication - magnets	447	95
5	Communication - the radio	447	98-99
5	Communication - telegraph	447	96-97
5	Communication - telephone	447	97-98
5	How do inventions and discoveries improve our means of transportation and communication	514	185-192
5	Modes of communication	119	21-23
5	Transportation and communication	512	13-30
5	Transportation and communication in the U.S. today and yesterday	233	1-6
5-6	History of communication	772	13-28
6	Binding the world together through the development of efficient means of communication	488	1030-1038
6	Communicating	456	52
6	Communicating with our friends and neighbors	498	71-74
6	Communication	194	55-70
6	Communication	252	5
6	Communication	262	273-284
6	Communication	333	82-87
6	Communication	444	18
6	Communication	464	6
6	Communication	463	8-9
6	Communication	605	103
6	Facilities for transportation and communication in the United States	434	14-22
6	How has the universal need for means of transportation and communication been met	491	194-208
6	How man has improved his means of communication	282	26
6	How man has learned to communicate with his fellowmen	291	28-39
6	How man has learned to communicate with others	229	9-16
6	Improving our method of communication	330	304-306
6	Living and growing with pioneers in communication	121	114-115
6	Methods of communication and travel between nations of the world	129	5
6	Rivers and lake highways of commerce aid in the distribution of food	462	52
6	Sound communication	404	594-605
6	The story of communication	119	23-24
6	Story of transportation and communication	388	17-23
6	A study of communication	491	60-65
6	Trade, transportation, and communication	190	275-281
6	Visual communication	333	578-593
7	Communicating	456	58
7	Communication	162	2-17
7	The development of transportation and communication	254	44-49

COMMUNICATION: continued

7	How do methods of transportation and communication affect cooperative living	514	283-286
7	Means of communication	114	69
7	Transportation and communication	113	210-217
7	Transportation and communication	152	178-181
7	Transportation and communication	279	35-49
7	Transportation and communication	301	19-26
7	Transportation and communication	396	24
7	Traveling, transportation, and communication	442	20-22
7-8	Development of means of communication in the United States	208	62-63
7-8	Transportation and communication	424	1-23
8	Communicating	456	66-67
8	Communication and travel	254	62-67
8	Improvements in communication	332	235-236
8	Modern communication	406	38-39
8	Transportation and communication	391	380
gni	Communicating	626	145-146
gni	Communication	372	9-64
gni	Transportation and communication	633	43

COMMUNITY: * see also Bakers, Banks, Cities, Citizenship, Family, Farm, Fire Department, Food, Games, Gardening, Government, Health, House, Industry, Libraries, Mail, Maps, Markets, Medicine, Neighbors, Occupations, Park, Playground, Police, Post Office, Production, Safety, School, Science, Transportation, United States

K	The community	339	24
K	Community interests	250	4
K	A neighborhood activity - the stadium	308	1
K	A village interest	632	83-87
K-3	Community helpers: fireman, policeman	272	34-35
K-3	Community life	620	35
K-8	Community life	637	278-285
1	The community	196	18-20
1	The community	417	5-9
1	The community	510	pni
1	The community and the community helpers	327	19-27
1	Community helpers: firemen, policemen, postman, milkman, shoemaker, groceryman, butcher, baker, dairyman, truck gardener, florist	104	13
1	Community helpers	443	89-99
1	Community unit	438	11-14
1	Community helpers	619	24
1	Community life	250	12-13
1	Community life	256	1-60
1	Community life	339	31
1	Community life	380	17
1	How the community helps the family communicate	223	24-28
1	How the community helps the family play and enjoy living	223	35-38

COMMUNITY: continued

1	How the community helps the family protect health, safety, and property	223	29-34
1	How the community helps the family secure food, clothing, and shelter	223	7-15
1	Living in the community - its helpers	237	92
1	Neighborhood community	625	135
1	Other community institutions	256	23-32
1	School and home community life	337	16-22
1	A study of community life with the building of a play village	625	61
1	We need a lighthouse	603	68
1-2	The community and its relation to the family	242	47-64
1-2	Home, school, and the immediate community	151	84
1-3	The community	446	25
			42-51
1-3	The community (the dragon fly)	447	15-16
1-3	The community (natural beauty)	447	18
1-3	Community life	152	28-34
1-3	Community life	606	161
1-3	The community or birds	447	11-12
1-3	Specific phases of the community	446	25-26
1-3	What Manitowoc gives to the greater world community	317	1-20
1-6	Civic pride unit	637	355-360
1-6	Improving the appearance of school fn and community	329	100-104
1-6	Welfare	167	16
2	The community	488	1373-1381
2	The community as a whole	404	134-143
			171-174
			178-189
2	Community helpers	293	1-15
2	Community life	130	4
2	Community life	196	22-24
2	Community life	199	67-75
2	Community life	304	41-72
2	Community life	307	29
2	Community life	308	16-17
2	Community life	380	27
2	Community life	402	18-20
2	Community life	513	41
2	Community life	514	60-90
2	Community life	520	103
2	Community life	625	134
2	Community life	630	472-477
2	Community life in grade 2	257	1-38
2	Community life - the farm and the city	262	50-56
2	The community service unit	257	17-29
2	Community study	339	38
2	Having a good time in our community	330	119-129
2	Having a good time in our community	331	82-88
2	How a community helps its citizens	196	25-27
2	How a community helps its citizens	199	56-65
2	How do the community and the home cooperate to meet the needs of the child	491	91-96

COMMUNITY: continued

2	How do we use the goods and services provided in our community	514	75-77
2	How our fathers help the community	316	119-122
2	How the community becomes a part of the rest of the world	100	40-48
2	How the community provides for the needs of the family	100	28-39 46-48
2	How the community provides for the needs of the family	487	117-229
2	How the community provides for the needs of the family	488	861-896
2	How the work of the community is carried on	215	28-46
2	How the work of the community is carried on	225	7-13
2	How we use the facilities of our community in learning	108	136-142
2	Life in the immediate community	494	26-27
2	Living in the community	306	51
2	Material needs of the community	402	21-24
2	A model community	201	24-68
2	Our community expands	243	64-74
2	Planning and making a community	196	28
2	What do we do to make our community attractive: library, N.Y.A. center, parks, birds, lawns, gardens, shrubs, flowers	104	15
2	What do we do to make our community attractive	514	82-85
2-3	Community holidays	524	64-66
2-3	Developing community life	486	5-10
2-3	Home and community life of early Americans	523	31-34
2-3	Homes and communities far away	524	69
2-3	Homes and communities of long ago	524	70-74
2-3	Our rural community	524	53-56
2-3	Our town community	524	57-61
2-3	What we owe to the community	524	62-63
3	A city street - or a small community	385	139-151
3	The community	115	68
3	Community and neighboring cities	151	84
3	Community life: plant and animal life, natural resources, industries, scenic features	104	16
3	Community life: housing conditions, goods produced, commerce, communication and transportation, recreation, arts and crafts	104	16
3	Country community around Sacramento	491	73-81
3	How a community provides itself with food, clothing, and shelter	498	183-186
3	How men and women earn a living in the community	175	32-33
3	How other communities contribute to our Christmas spirit	108	176-182
3	How our citizens cooperate to govern themselves in the community	498	188
3	How our community is laid out	175	14-15

COMMUNITY: continued

3	How our community is served by various means of transportation and communication	498	186-187
3	How our community originated and developed	262	91-99
3	How the community helps the family to play	498	189-190
3	How the community helps us in learning to live together	498	191-192
3	How we can improve and maintain the beauty of our community	108	201-206
3	Life in the extended community	494	28 31
3	Our community and how it grew	288	133-142
3	What we can do to maintain and improve the beauty of our community	498	190-191
3-4	Our community	604	194-195
4	How beauty is expressed in differing communities	498	198-199
4	How differing communities produce and exchange goods	498	192-195
4	How to study one's own urban community - a study of Manhattan	745	1-19
4	Our community	506	48
4	Scenery in our county	446	100
4	Theme: the development of the local life of the community and its relations to the larger communities of state, nation, and world	318	18-29
4	Why my local community is a good place in which to live	510	pni
4	How people in differing communities govern themselves	498	195-196
4-6	Ways in which a community protects its citizens	272	69-71
4-7	Building a community	486	53
4-8	Disposal plant	603	92
5	Community sanitation	332	190-191
5	How our community expresses the arts	498	205-206
5	How our community seeks to make learning possible	498	206-207
5	Our community	619	29
5	Pine Mountain Valley: a study in community life	121	40-44
6	Beginnings of community life	388	29-31
6	Beginnings of community life	388	29-31
6	Community life today	388	31-33
6	Development of community controls	388	48-51
6	How community life has changed through the ages	388	28-33
6	Problems of community living	333	87-96
6-8	Nation as a world community	625	135
7	Beauty in our community	614	83-87
7	Buying in our community	614	88-97
7	Churches in our community	614	98-100
7	Community life	606	453
7	Democracy in our communities	402	131-143
7	Health in our community	614	132-137

COMMUNITY: continued

7	Our community: what it is	614	80-82
7	Participating in and improving school and community life	442	3-6
7	People in our community	614	156-159
7	Power in our community	614	166-174
7	Recreation in our community	614	186-198
7	Safety in our community	614	199-202
7	Social provision for cooperative living	514	261-312
7	Social welfare in our community	614	203-207
7	Vocations in our community	614	222-226
7-8	Community art	518	504-505
7-8	Cooperation in community life	634	107
7-8	Living with others in the home and community	488	1481-1482
8	Crime in our community	614	101-110
8	Education in our community	614	111-117
8	Government in our community	614	127-131
8	Group life today lays the foundation for tomorrow	270	54-57
8	Housing in our community	614	138-145
8	The newspaper in our community	614	146-155
8	Planning the community	391	396
8	Politics in our community	614	160-165
8	Property in our community	614	175-180
8	Public opinion in our community	614	181-185
8	Pupils' history of their community	712	1-10
8	Services requiring cooperative action. How they are provided	221	34-40
8	Voting in our community	614	227-231
8	Wealth in our community	614	232-236
gni	Civic arts	616	183-197
gni	Civic beauty	616	61-94
gni	Community	604	211-212
gni	Community life	618	70
gni	How the community helps the home and the family	400	36
gni	Giving	623	313-315
gni	Local community	400	41-42
gni	Operation of the courts	615	61
gni	Socializing (community activities)	626	147-148

COMPASS: see Science

CONGO:† see also Africa, Geography

3-4	The Congo	620	33
4	The Congo region	416	40-42
4	The Congo region	446	117-119
4	Congo unit	307	30
4	How does life in a climate that is hot and wet (Congo) differ from that in the Panhandle	110	23-25
4	How does life in a climate that is hot and wet (Congo) differ from that in the Panhandle	111	24-29
4	How geographic environment affects life in hot dry country	244	72-76
4	How geographic environment affects life in a hot wet country	244	67-71

CONGO: continued

4	How people live in a hot, moist country. Congo unit	326	49-55
4	How people live in the hot, moist lands near the equator (Congo)	396	21
4	Life in a hot, damp country - the Congo basin	179	38-42
4	Life in a hot, wet region	336	69-74
4	Our journey to the Congo	197	107-111
4	Our journey to the Congo	488	656-657
4	People in hot, dry lands	416	43-46
4	A trip up the Congo (African negro life)	330	428-429
4	The trip up the Congo	331	148-152
4	Type regions: hot, dry lands	104	19
4	Type regions: hot, wet lands	104	19
4	A visit to Belgian Congo	114	16
6	Living in the Congo	154	33-36

CONSERVATION: * see also Citizenship, Forests,
Soil, Thrift

3	Conservation	130	5
3-4	Protecting life and property from floods	213	30-40
4	Conservation of natural resources	640	252
4-6	Conservation	117	143-146
4-6	Conservation of forests	621	100
4-6	Protecting life and property from floods	116	149-152
5	Conservation	241	47-51
5	Conservation (soil and water)	235	1-2
6	Conservation of plants and animals	332	193-196
6	Preventing and controlling floods	331	203-208
6	Reforestation and erosion control	496	88-96

CONSTITUTION: * see also United States

5	The First Continental Congress	114	101-103
6-8	The new nation under the Constitution	525	11-17
7	The establishment of the Constitution	391	370-372
8	The Constitution of the United States	603	70
8	Early years under the Constitution	302	69-75
8	The making of the American Constitution, 1783-1787	152	226-227
8	The making of the American Constitution	302	66-68

CONSTITUTION DAY: see Special Days

CONSTRUCTING: see Building

CONSUMER: see Commerce

CONTINENTS: see Geography, Nation

COOKING: see Food

COOPERATION: see Community

CORALS AND JELLYFISHES: see Sea Life

CORN: see Farm, Food

COSTUME: see Clothing

COTTON: * see also Clothing, Dyes, Textiles,
Weaving

1-6	Cotton and our clothing	244	246-248
-----	-------------------------	-----	---------

COTTON: continued

2	Sources of clothing - cotton	474	1-7
2	The story of cotton	130	7
2	The story of wool, or of cotton	339	39
2-3	Cotton	774	1-11
3	Cotton	184	80-83
3	Cotton	311	35-40
3	Cotton	518	656-659
3	Cotton, silk, wool, and linen	603	65
3	How do we raise and use cotton	603	68
4	Cotton	183	126-129
4	Cotton	506	48
4	Cultivation and uses of cotton	103	157-164
4	A unit of work on cotton from the stand- point of a colonial cotton plantation	381	33-39
4-6	Our cotton clothing	117	147-150
5	Cotton	605	102
5	The cotton crop of the South	158	24-25
5	From cotton field to factory	251	44-47
6	Growing and using cotton	330	257-264
6	Growing and using cotton	331	191-195
7	Cotton in the South	220	44-62
8	Cotton production and its effect upon the development of our country	488	1122-1127
8	Development of cotton industry - Civil War	262	425-433
8	The northern industrial zone versus the cotton kingdom	152	216-217
8	The northern industrial zone versus the cotton kingdom	302	35-38

COUNTRY (NATION): see Geography, Nation, United States

COUNTRY (RURAL): see also Community, Farm

K	A trip to the country	186	124-129
2	City and country life	250	16-17
3	Pastoral life	407	63-81
7	Life in the pasture lands of the world	114	64-65
8	Changing conditions in rural life and the causes	332	15
gni	Life on the farm	400	39

COURTESIES: see Manners

COVERED WAGON: see Pioneer

COWBOY: see Ranching

COWS: see Dairy, Farm

CRAFTS: see Art, Handwork, Needlework

CRAFTSMANSHIP: see Handwork

CRICKET: see Insect

CRIME: * see also Police

3-4	Protecting the public from crime	213	40-47
4-6	Protecting the public from crime	116	142
7-8	Crime	208	153-154
gni	Preventing juvenile delinquency	263	343-362

CROCHETING: see Handwork, Needlework

CRUISE: see Recreation, Travel

CRUSADES: *

4	Crusades	220	pni
4	The Crusades	468	298-300
5	The Crusaders	624	141-146
			155-160
5	The Crusades	104	20
6	Castle life (Feudalism)	149	2-15
6	The Crusades	446	164
6	Crusades	506	48
6	How the Crusades awakened Europe	171	30-34
6	What were the results of the Crusades, and how did these results bring the end of the Dark Ages	114	142-145
7	The Crusades	726	1-29

CUBA: see West Indies

CULTURE: ? see also Art, Literature, Music, Radio

1	Cultural aspects of the environment: rhythm band, radio station, theater, library	444	13
6-8	Asia the land of ancient cultures	524	216-225
7	The people and cultures of Arizona	114	73
7-8	The development of culture	452	1-66
8	American culture as it is reflected in de- velopments resulting from the welding to- gether of people of many cultural heri- tages - the increasing interdependence of people and the growth of political and social democracy	520	111
8	American culture as it is reflected in the extension of the frontier and in the de- velopment of the country from an agricul- tural to an industrial nation	520	110-111
8	Changing cultures of the American people	152	236-237
8	The changing culture of the American people	302	94-97
8	How our people have grown culturally and intellectually	398	pni
8	Selection of cultural ideals	113	218-226
gni	Cultural facilities in neighborhood and community	400	50

CURRENT EVENTS: see Newspaper

CUSTOMS: see Manners and Customs

DAIRY: * see also Community, Farm, Milk

1	A dairy	120	78-80
1	Milk, the dairy, and the dairy farm	186	210-228
1	Our dairy	243	49-56
1	The story of dairy products	130	6
1	Visiting a dairy	330	382-383
1-3	The dairy	178	pni
1-3	The dairy or the study of milk	446	24
1-3	Dairying	236	63-69
1-3	Pets, the farm, the dairy, or the circus	447	10-11

DAIRY: continued		
1-4	A modern dairy	181 pni
1-6	Dairy farm and buying milk	167 21
1-6	Dairying	640 282
2	The dairy farm	294 1-20
2	Dairy	104 14
2	The dairy	310 14-24
2	Dairy	380 27
2	The dairy	417 39-45
2	The dairy	443 166-174
2	The dairy	512 35-43
2	Dairy products	138 56-72
2	Dairy study	233 32-33
2	Fox Hall dairy	380 26
2	Milk and the dairy	288 111-132
2	The story of dairy products	130 7
3	Dairying	129 3
4	Dairying	183 62-65
4	Dairying	414 19-45
4	Dairying	446 106-107
4-7	Ranching and dairying	426 116-117
6	Animals help feed us with dairy products	462 11-14
6	Dairying in Mississippi	330 252-257
6	Dairying in Mississippi	331 188-191
6	The milk buying	642 311
DANCING: * see also Music, Rhythms		
1	Create own dances to music	207 123
1	Playing folk dances and singing games	207 121
1-6	Dancing	610 119-120
gni	Social dancing	243 35
DANGER: see Safety		
DANUBE: see Balkan Countries		
DAY: see Calendar		
DECORATION DAY: see Holidays, Special Days		
DEER: see Animals		
DEMOCRACY: * see also Colonial Life, Government		
5	How the early American people lived and worked and built up a nation an experiment in democracy	218 59-73
5	How the early American people lived, worked, and built up a nation - an experiment in democracy	228 23-30
7	The American ideals of democracy that were inherited from our forefathers are today becoming forces in European affairs of society and government	112 49-54
7	The democratic society under which we live is an outgrowth of the ideals set forth in the colonial expansion period	112 55-59
7	The democratic spirit develops early in America	269 18-26
7	Development of democracy	402 171-182

DEMOCRACY: continued

7	The liberal interpretation of democracy by the Anglo-Americans resulted in their gaining control in Texas	112	25-31
7	The progress of the U.S. is dependent upon her ability to maintain and extend the ideals of democracy adopted by the early colonists	112	60-65
7	The struggle for democracy in early America	402	144-154
7	What changes contributed to the growth of democracy in our country	488	616-618
7-8	Development of democracy in the United States	208	128-129
8	The American democracy among the nations	402	223-244
8	America's first steps toward democracy	152	211
8	America's first steps toward democracy	302	223
8	The beginnings of America's march toward democracy	302	55-58
8	Democratic influences secure for the United States a prominent place in the family of nations and for the youth a world citizenship	302	19-23
8	The democratic society in which youth lives depends upon the preservation of the union	112	94-99
8	How democracy has developed in the United States (including a brief study of the functions of the Constitution)	112	82-87
8	How democracy has developed in the United States	396	25
8	Ideals of equality	398	pni
8	Jacksonian democracy and its effect on American culture	254	82-87
gni	Appreciating democracy	152	229-231
gni	Democracy - our heritage from the past	481	pni
gni	Our democracy and its enemies	243	142-155
		243	34

DENTIST: see Teeth

DESERT: ? see also Africa, Arabia, Sahara

3	The desert child	182	106-109
3	Desert peoples	619	25
3-6	The spell of the desert	284	pni
4	Desert life	200	120-127
4	Desert life	605	101
4	Desert life - how people live in hot dry lands	312	9-18
4	Desert peoples	619	29
4	The desert regions of the Tigris, Euphrates, Nile	152	59-60
4	The great desert region	131	341-354
4	How people live in a very dry region	336	63-68
4	How people live in desert countries	603	70
4	How people live in the hot dry lands	396	21
4	Life in desert lands	321	29-38
4	People of the desert country	468	208-254
4	Some people of the desert	603	65
4	When we were nomads	763	1-20

DESERT: continued

4-6	Life in deserts	272	59-60
8	The hot dry lands	619	29
gni	The Colorado Desert: a representative desert	605	156-166

DESIGNS: see Art

DIAGRAMMING: see Drawing

DICTATORS: see Government

DICTIONARY: see English

DIET: * see also Food, Health, Milk

1-2	Planning and selecting a balanced diet	212	37-42
1-3	Planning and selecting a balanced diet	116	72-76
1-7	Selecting a well balanced diet	514	429-430
4	Eating and drinking	198	53-54
5	Developing and conserving human resources through proper diet	455	pni
7	Digestion	332	214-215

DIGESTION: see Diet

DISCOVERY: ? see also Exploration, Invention, Science

4	The beginnings of the age of discovery	468	290-319
4	Desire of Europeans for trade and adventure led to the discovery and exploration of the New World	488	547-550
5	The beginnings of discovery	619	26
5	Discovery and exploration	262	209-215
5	The discovery of new lands	193	31-45
5	The discovery, settlement, and development periods of America	624	152-155
5	How the Old World came to find the New	606	162
6	How the search for new sea routes led to discovery and exploration	171	106-110
6	How the Western World Hemisphere came to be discovered	339	84
7	Background and discovery	391	359-360
7	The caravels sail on to the west	279	7B9-7B17
7	How has discovery and exploration affected world progress	488	599-601
7	Period of discovery and exploration	489	37-42
7-8	Discovery and exploration	114	160-165

DISEASES: * see also Drug Store, Health, Medicine

1	Communicable diseases	198	25
1-2	Preventing disease in home, school, and community	212	25-31
1-3	Participating in measures that prevent and control diseases in home, school, and community	116	81-83
1-7	Protecting one's self from harmful organisms	514	432-433
2	Coughs and colds	332	137-139
3	A study of germs	644	7
4	Decay and disease	332	173-174
4	Molds and bacteria	227	66-70
4-6	Control of contagious infection	124	13-15
4-6	Molds and bacteria	621	100

DISEASES: continued

4-6	Preventing and controlling diseases	116	132-136
4-6	Study of diseases	643	80
5	The conquest of disease	241	72-75
5	The control of malaria	331	174-178
6	Breathing structures and the common cold	198	85-86
6	Communicable diseases and their carriers	332	209-210
6	Conquering tuberculosis	198	87
6	How smallpox was conquered	631	141
6	Prevention of disease	331	208-211
7	How man is conquering germs and disease	176	177
7	Prevention of disease	488	1315-1317
7	Some common communicable diseases in Tennessee	496	96-107
8	A study of bacterial diseases - practice of preventive medicine	262	469-482
8	Illness in the home	278	164-170

DOCTOR: see Medicine

DOGS: see Domestic Animals, Pets

DOLLS: * see also Playing, Toys

K	The doll house	308	2
1	A doll house	518	81-83
1	Doll house	619	28
1	Dressing dolls	642	309
1	A home for dolls	491	26-29
1	Our doll house	506	7-12
1	Play (or doll) house	619	24
1-2	Constructing a doll house	117	195
1-3	The doll house	518	563-570
1-3	Doll house activity	152	17-22
2	Doll house	380	27
gni	Construction and furnishing of a doll house	618	191

DOMESTIC ANIMALS: * see also Farm, Pets

K	Farm animals	325	19-22
K	The identification of animals both domestic and wild	480	1-5
1	Animal life on the farm	430	7
1	Animals on the farm	186	156-172
1	The animals on the farm	328	101-108
1	Animals on the farm	512	f18-f28
1	A cat study	308	9-10
1	Dogs	780	8-17
1	Domestic animals and their uses to man	315	79-85
1	Visiting a hatchery	330	388-389
2	Animal life on the farm	430	92
2	Animals, beasts of burden	340	70-71
2	Animals - pets	340	69-70
2	Animals - the rabbit	340	60-61
2	Animals that make good pets and how to care for them	332	634-635
2	Burros	104	15
2	The sheep who give us wool	603	68
2	A study of dogs	337	81-82
2	What animal friends do we have on the farm	497	66-73
2-3	Animals who help and protect us	486	6

DOMESTIC ANIMALS: continued

3	How man first learned to make animals work for him	226	17-26
3	How man learned to make animals work for him	216	52-94
4	Animals as man's helpers	282	19
4-6	Protecting wild and domesticated animals	116	152-155
5	Horses	605	102
7	The improvement of domestic animals	276	20-24
			39-41
7	Livestock - dairy cattle and poultry	332	6-9
8	Livestock - beef cattle, swine, sheep, horses, and mules	332	17-18

DOMESTIC SCIENCE: see Food, Home, Housekeeping, Sewing

DRAMATIZING: * see also Plays, Theater, and any activity which may be dramatized

K	Our poppy garden (a musical dramatization)	628	281-282
K-3	Dramatization of community helpers	628	272-276
1	Dramatization	604	329-336
1-4	Story dramatization and book reports	307	33-34
1-6	Dramatizing	432	17-18
1-7	Dramatizing	514	487-488
1-8	Adventures in dramatics	738	1-21
2	Stories or folklore leading to dramatization	417	89-91
4	Drama	121	82-83
4	Dramatics	119	25
4-6	Participating in dramatic arts	329	119-125
5	Dramatizing bible stories	600	324-325
gni	Drama	176	110
gni	Dramatic writing and production	243	35
gni	Preparing for a dramatic performance	341	93-94

DRAWING: ? see also Art, Illustrating, Posters

1	Drawing	207	94-95
1-6	Diagramming and charting	432	8-9
1-7	Diagramming and charting	514	477-478
1-7	Drawing objects	514	336-337
7-8	Simple working drawing	488	1487-1488

DREAMS: see Sleep

DRESS: see Clothing

DRUG STORE: * see Commerce, Health, Medicine, Trade

1-3	The drug-store	466	25
1-7	Avoiding the use of artificial stimulants, such as drugs, alcohol, tobacco, coffee	514	432
4-6	Alcohol and other narcotics	364	1-14
7	A study of narcotics and alcohol and their effects upon the human system	262	383-387
8	Alcohol and drugs in modern life	176	179
8	Stimulants, narcotics, and nostrums	332	243-245

DUTCH: see Colonial Life, Holland

DYES: * see also Art, Clothing, Color, Sewing, Textiles

3	Dyeing	325	105
3	Dyeing and weaving of rugs	182	82
3	Primitive colors and dyes (Mexico)	142	97-101

DYNAMOS: see Electricity

EAR: see Body

EARTH: ? see also Geography, Maps, Mining, Ocean

K-1	Earth	640	251
1	The earth is big and round	240	57-58
1	What the earth is like	240	59-60
1-4	How the earth began	382	32-33
2	Earth in space, its surface and interior	640	251
2	The earth is very old	240	82-83
2	The earth on which we live	332	132-134
2	The earth we live on	225	30-33
3	Changes in the earth	240	127-129
3	Composition of the earth	488	1251-1252
3	The earth and maps	339	48
3	Earth and sky	337	124-128
3	Earth's surface as related to plants, ani- mals, and marine life	640	252
3	How the earth began	240	125
3	Rotation and revolution of the earth	640	252
3	A story of the earth	240	125-140
3	The young earth	240	126
4	The earth	176	162
4	What earth, air, fire, and water mean to us	282	19-20
4	The earth and maps	157	28
4	The earth on which man lives is a giant ball	266	9-14
4	How the earth has been changed by natural forces	109	36-40
4	How was the earth formed, changed, and in- habited by plants and animals	166	pni
4	Study of the earth	622	291-292
4-6	The earth we live on	621	100
5	The changing earth	228	71-76
5	The earth in time	640	252
5	Story of the earth	441	25-31
5-6	The story of the earth	383	49-57
6	The changing earth	241	89-97
6	The changing earth	332	203-205
6	The changing surface of the earth	343	pni
6	The changing surface of the earth	367	1-13
6	The earth and its people	252	6-7
6	Earth measurements	447	122
6	How man is affected by the changing earth	109	69-74
6	How the earth has changed its form	176	169
6	Our study of the earth and the sky	441	66-78
6-7	Formation of the earth	622	209-211
7	The earth as a planet	114	70
7	The earth as a whole	488	717-719
7	Changes in the earth's surface	606	160
7	The earth is a member of the solar system. Its motions with respect to other members of the system cause continued changes on the earth	253	23-40
7	The earth, its size, positions, and movements	488	719-721
7	The earth's crust	406	13-14
7	Earth's surface	488	722-723
7	Ends of the earth	389	41-45

EARTH: continued			
7	Geology in Denver and vicinity	606	160
7	Movement of the earth	606	160
7	The surface of the earth is constantly changing. These forces have been at work ever since the earth's crust began to form	253	15-22
7-8	What makes up the earth and what is its relation to our environment	393	1-20
8	Layers of the earth as a story book	332	229-230
EAST: † (Far East) see also China, Japan, Orient			
4	Far East project	625	133
4	New way to the east	202	pni
4-7	Influences of leading nations of the world in the Far East	426	36-39 60-62 199-224 274-277
5	The Far East	192	63-74
5	Onward to the Eastern countries	132	406-435
6	The Eastern Hemisphere contains the largest land mass in the world	268	9-11
6	Our legacy from the eastern nations	324	31-34
6	Why the East Indies are not independent although it is the second most populous country in the world and a large and rich land	512	K6-K11
7	The slow spread of industrialism in the Far East	488	1075-1079
7	Spread of industrialism and life in the Far East	262	376-382
7	Western youth meets eastern culture	638	3-335
8	How the Far East has become a region of vital importance in world affairs	335	44-45
EASTER: * see also Holidays			
1	Holidays in the home: Easter	135	106-114
2	Easter - spring activities	430	92
3	Easter	435	5
4	The contribution of the fine arts in the observance of special days - Easter	332	435-439
ECONOMICS: see Money			
EDUCATION: see School			
EGYPT: † see also Africa, Nile, Records			
4	Egypt	446	117-120
4	Egypt - a desert made productive by a great river	157	37-38
4	Egyptian unit	307	30
4	How man first learned to cultivate the soil; Egypt	488	1399-1406
4	Life in ancient Egypt and Mesopotamia	251	26-29
4	Life in ancient Egypt and Mesopotamia	606	170
4	Life in hot, dry lands (Arabia, Egypt, and the Sahara)	233	1-3
4	Life of the ancient Egyptians and Babylonians	179	19-24

EGYPT: continued

4	Our journey to Egypt and the Sahara Desert	197	100-104
4	Our journey to Egypt and the Sahara Desert	488	654-655
4	Study of Egypt	643	62-65
			89
			94
4	A study of life in ancient Egypt and Mesopotamia	217	57-79
5	Egypt	755	1-22
5	Egypt in the days of the Hebrews	381	47
5	Getting acquainted with the early Egyptians	630	312
5-6	Egypt	618	99-100
6	Ancient Egypt	132	489-500
6	Ancient Egypt	605	103
6	Egypt	620	217-223
6	Egypt, Ethiopia, Liberia	488	701-703
6	Egyptian life	641	60
6	The Egyptians: the camel	447	100-102
6	Plant life in ancient Egypt	447	111-113
6	The Pyramids	446	152-154
6	A unit of work on Egyptian life	605	285-289
6	What Egypt has contributed to the world	629	218-222
6	What we learn from the excavations of Egypt	152	129-133
6	What we learn from the excavations of Egypt	606	162
6	What we owe to the Egyptians	510	pni
7	Egyptian civilization	489	5-9

ELECTIONS: see Government

ELECTRICITY: * see also Communication, Energy, Heating, Housekeeping, Industry, Light, Radio, Science, Telegraph, Telephone

1-3	How electricity helps us	621	100
1-3	Magnetism	621	100
1-6	Discovering how electric devices work	609	296-298
1-6	Making an electromagnet	609	294-295
1-6	Wiring simple electric circuits	609	286-288
2	Electricity and magnetism	225	63-66
2	Electricity helps us	240	104-106
2	How electricity has changed our manner of living	488	1236-1237
2	Storms, electricity, and magnetism	640	251
3	Magnetism and electricity	440	47-50
3	Working with electricity	264	334-337
4	Electricity	488	1262
4	How electricity and gasoline improved transportation and communication	169	75-80
4	Magnets and electricity	441	16-20
4	General science. Why an electric battery would not work	602	145
4-6	Magnetism and electricity	621	100
4-7	Making electrical devices	486	56
5	Electricity	483	34-56
5	Gas and electricity	373	24-30
5	How magnetism and electricity are used	241	76-84
5	Magnets	605	102
5	Sources and uses of electric power	228	61-65
5-6	Gas and electricity	373	14-15

ELECTRICITY: continued

5-6	Magnetism and electricity	383	63-70
6	Electricity	605	103
6	Electricity, how it has served man	282	26
6	Electromagnets	640	252
6	Fun and facts about magnets and electricity	166	pni
6	How millions of people get electricity	241	155-161
6	Magnetism and electricity	129	5
6	Using electrical equipment in the home	330	264-269
7	Magnetism and electricity	406	22-23
7	Some uses of electricity	332	227
7-8	Life in an electrical age	255	64-67
7-8	What is the nature of magnetism and electricity and how do we use them	394	1-16
8	Electricity in modern life	176	181
8	Magnetism and electricity	606	160
8	A study of electricity and magnetism	488	1338-1340
gni	Electricity, gas, radio hazards	338	60-66
gni	Electricity in our homes	507	33-34

ELEVATORS: see Transportation

EMBROIDERY: see Needlework

ENERGY: * see also Electricity, Power, Science

4	Energy and matter	168	41-44
5	Energy and matter	168	77-80
6	Energy and energy transformations	368	1-11
6	Energy and its changes upon the earth	229	121-127
6	Energy and matter	168	113-118
6	Energy transformations	343	pni
7	By learning to construct devices for transforming and applying energy, man has been able to increase his control over nature	253	1-14
7	The development of power energy to supplant musical energy	262	364-369
7	How science is making possible the use of energy resources instead of muscular energy as a source of power	488	1087-1098
7	Some manifestations of energy	332	223
7	Transportation of energy	332	224-226
7-8	Energy, work, and labor-saving devices	255	61-63
8	Energy and chemical changes	176	180
8	Energy and machines	606	160

ENGINE: see Industry, Machinery, Trains, Transportation

ENGLAND: † see also Great Britain

3	England	131	186-197
4	The English, the Indians, and the French	114	94-96
4	How England came to own most of North America	416	36-37
4	Why England came to own most of North America	488	556-560
4	Why English people came to live in the New World	416	34-35
5	The story of how the English nation began	336	117-121
5	The struggle between the French and English	177	pni
5	A trip to England	603	66

ENGLAND: continued

6	English people then and now	242	186-209
6	How England developed self government	171	95-100
6	An old English castle	618	305
6	The story of England	510	pni
6	United Kingdom, our motherland - England, Scotland, Wales, and Ireland	152	154-157
6	What we have inherited from England	381	52
6	Why the English wished to colonize in the New World and their early attempts	336	213-217
6-8	Formation of England	523	116-123
6-8	How England gained control of the land from the Atlantic to the Mississippi	524	153-155
7	England	625	133
7	England - an industrial power	245	13-14
7	The English take leadership in North America	279	7B18-7B26a
7	How England became modern industrial Great Britain	301	54-56
7	How England became modern industrial Great Britain, the center of world trade, and of a great empire	152	189-191
7	How Englishmen in America became Americans	335	13-16
7	Why we are English rather than French	335	11-13
8	England	490	1-6

ENGLISH: †

K	Composing group compositions	604	532
1	Building sentences	207	109
1	Copying sentences	207	110
1	Language	133	87-131
1	Phonetic game	604	622
1	A picture dictionary	380	19
1-2	Dictionary	370	49
1-2	English in the first and second grades	495	88
1-6	English for elementary schools	511	1-77
1-7	Expressing one's thoughts clearly, forcibly, and correctly in all forms of oral discussion	514	384-386
2	Dictionary game	604	620
2	Finding little words in big words	604	620
2	Making word book	604	620
3	English in the third grade	495	89-90
4	English in the fourth grade	495	90-91
4-6	English	272	81-82
5	English expression in response to music	605	344-345
5	English in the fifth grade	495	91-92
6	Creative writing through a study of trees	605	340-344
6	English in the sixth grade	495	92-93
6	Old word backgrounds	621	92-93
7	Learning how to use verbs and adverbs effectively	332	664-667
7-8	English in the seventh and eighth grades	495	93-94
8	Building the paragraph	716	1-22
gni	Essays	176	109
gni	Word study	341	75-76
gni	Yearbook	623	346-348

ENTERTAINMENT: see Amusements, Recreation

ENVIRONMENT: * see also Community, Home, Nature Study

K	The child's immediate environment: the school, the home, the community	467	21-24
1-6	Utilizing and controlling the natural environment for individual and social needs	238	50-53
1-7	Making environmental studies	514	454
3	Adaptation of life to environmental forces of nature	514	91-127
3	How do environmental forces of nature affect the goods produced in different communities	514	102-105
3	Theme: Phases of the child's environment which influence his life and life around him throughout the year; and the life and environment of the children among primitive and isolated peoples	318	5-15
4	Habitats	343	pni
4	Habitats	361	1-9
4	Life in regions of different physical and social environment	494	28
			31-32
4	Living by adjusting to varying physical environments	306	53
4	Necessary factors of environment	343	pni
4	Necessary factors of the environment	360	1-9
4	People adjusting their life and work to various types of physical environment	520	104
4-7	Man's relation to his environment	426	225
5	Living through a changing environment (then and now) in the county, state, nation, and Western Hemisphere	306	54
			62-64
5-6	Relation of living things to their environment	383	19-26
6	How do the adaptations to environment of the countries of the great lowland plains of Europe differ from those of the highland countries	111	123-126
6	How man has increasingly learned to control his environment	388	17-27
6	The life and work of the people of Europe and of Asia as they are affected by physical and social environment	520	107-108
6	Living through a changing environment in the world at large	306	55
		306	64-67
6	The relation of living things to their environment	229	79-87
6	What adaptations to environment were made in the development of the maritime countries of Europe	110	102-104
6	What adaptations to environment were made in the development of the maritime countries of Europe	111	117-121
7	The environment	518	307-310
7	Living by increasingly controlling environment in the industrial and Western Hemisphere	306	56
			64-68

ENVIRONMENT: continued

7-8	Our environment	255	1-2
8	Adaptation to environment, provisions for our more immediate needs	518	310-313

ESKIMOS: ? see also Alaska, Cold Countries

1	Eskimo life	130	6
1	The Eskimos	340	40-42
1-3	The Eskimo	446	28
2	Eskimo land	506	47
2	Eskimo life	130	7
2	Eskimo life	264	318-323
2	Eskimo life	608	33-41
2	Eskimo life	624	177-180
2	An Eskimo unit	506	47
2	Eskimos	304	28-38
2	Eskimos	619	25
2	Eskimos	706	1-27
2	If we lived with the Eskimos	603	68
3	Eskimo land	182	118-120
3	Eskimo life	130	5
3	Eskimos	260	13-14
3	Eskimos	404	252-260
			264-265
			267-268
			270-272
3	Eskimos	445	50-65
3	Eskimos	521	1-6
3	Eskimos	619	29
3	How the Eskimo people live	491	33-35
3	How the Eskimos live	233	1-3
3	Land of the Eskimo	152	146
3	Life in cold lands: Eskimos	104	16
4	Arctic life with the Eskimos	603	70
4	Eskimos of the far north	114	16-18
4	How do the Eskimo people live	603	65
4	How people live in cold desert lands, Eskimo	326	61-67
4	Our journey to the land of the Lapp and the Eskimo	197	89-93
4	Our journey to the land of Lapp and Eskimo	488	651-653
4	Primitive peoples in the world today - Eskimos	512	152-166

ETIQUETTE: see Manners and Customs

EUROPE: † see also the individual countries

3	An imaginary trip to Europe	624	96-98
4	Europe, our mother country	191	35-48
4	How the people of Europe have been affected by their environment	171	37-41
4	Other countries of Europe wanted a share in the New World	202	pni
4-7	Europe as a whole	426	155-156
4-7	European influences in Latin America and in Africa	426	34-36
			57-59
			184-199
			271-274
5	Europe	391	325-332

EUROPE: continued

5	From the old world to the new	251	34-37
5	A general geographic overview of the continent of Europe	336	95-98
5	How civilization spread to Europe from Egypt and Asia	492	16-19
5	How European people began to travel and discover a new world	218	28-43
5	How European people began to travel and discovered a new world	228	9-16
5	How European people lived before America was discovered and how they happened to find the western continent	488	1012-1017
5	How the conditions in Europe influenced exploration in America	104	20
5	How the Teutons and other barbarians overran Europe and life in Germany today	336	126-130
5	An overview of Europe as it is today and its relations with America	336	173-177
5	The rise of new nations in Europe	193	19-30
5	The spread of European civilization to the East Indies and Antarctica	492	22-23
5	A trip to Europe and the British Isles	731	16-29
5-6	Europe	509	68-94
5-6	European architecture	619	328-429
6	Bridge lands of southeastern Europe	606	408
6	Central Europe	197	183-188
6	Central Europe	260	107-113
6	Central Europe	322	67-75
6	Central Europe	413	105-109
6	Central Europe today	510	pni
6	Central European countries	396	23
6	Central European countries	399	4
			16-18
6	The countries of Central Europe	114	57
6	Countries of Central Europe	190	213-219
6	Countries of Central Europe	488	689-691
6	The countries of Central Europe are supporting a dense population	268	34-40
6	The countries of northwestern Europe are leaders in social and industrial progress	268	41-50
6	Czechoslovakia	171	67-69
6	Czechoslovakia	324	28-30
6	The Danube--Balkan countries	619	26
6	Early European unit	307	31
6	Eastern Europe	190	231-235
6	Eurasia	606	408
6	Europe and her colonies	381	52
6	Europe as a whole	413	75-79
6	Europe, the home of our ancestors	132	643-651
6	Europe, the home of our ancestors	619	26
6	Europe today	202	pni
6	European backgrounds of America's cultural heritage	520	107
6	European expansion	625	133
6	France, Spain, and Portugal	197	194-199
6	A general view of Europe	190	200-206

EUROPE: continued

6	Geographic survey - Southern Europe and France	314	10-21
6	Geographic survey - Western and Northern Europe	314	44-47
6	How did European civilization reach the New World	114	145-150
6	How do the adaptations to environment of the great lowland plains of Europe differ from those of the highland countries	110	106-108
6	How Europe developed in the Middle Ages	629	228-234
6	How Europe lived before America was discovered	324	35-38
6	How have France, Italy, and Germany become great industrial and agricultural nations (in connection with the study of Italy include activities in Africa)	110	98-100
6	How peoples in southern and in western Europe developed culture	171	14-21
6	How the people of Europe became acquainted with the world	202	pni
6	An imaginary tour through Central Europe	237	110-112
6	Industrialization of the chief European countries	229	64-69
6	Italy, Switzerland, Austria	606	408
6	Life in northern Europe	641	60
6	Life in some continental European countries	388	61-63
6	Life of the people in Europe during the Middle Ages	132	691-723
6	The little nations of northwestern Europe and their dependence on the "Big Three"	339	84
6	Living in Europe (Italy)	233	1-6
6	Our neighbors in Europe	467	66-70
6	Overview of the Eastern Hemisphere, particularly Eurasia as the probable home of earliest man	339	81
6	Present-day Europe	244	180-190
6	The Renaissance and development of Europe through the 19th century (story form)	396	23
6	Six new European countries	606	408
6	Some European countries become industrial nations	219	109-128
6	Southern Europe	413	111-119
6	Southern Europe and Anatolia	114	57
6	The story of the development of Europe	399	4
			12-13
6	The struggle of rival powers in Europe for control of the Western Hemisphere	339	84
6	Theme: the study of European peoples in political and economic relationship to their environment	318	41-60
6	Three small countries	606	408
6	Twentieth century Europe	396	24
6	What Europe has done for America	620	35
6	Where did the nations of Europe have their beginnings	244	165-171
6-8	How Europeans founded homes in the New World	524	143-153

EUROPE: continued

6-8	Our country's beginning in Europe	524	141-143
7	The agricultural countries of Europe	301	63-67
7	The countries of Europe expand into the Southern Hemisphere	488	1098-1104
7	Countries of the great lowland plain and central upland: countries of Central Europe	391	352-353
7	Effect of location upon industry and commerce of Europe	301	68-69
7	Europe	625	
7	Europe before the industrial revolution	301	50-53
7	Europe from 1914 to today	152	197-198
7	Europe from 1914 until today	301	70-75
7	Europe, the greatest industrial and commercial region of the world	152	196-197
7	European nations expand to Southern Hemisphere	262	370-375
7	How Europe has extended itself into other parts of the world	334	pni
7	The narrow world of Europe before the industrial revolution	152	188-189
7	An Old World festival - social study of Europe	789	1-22
7	Peoples and homes of modern Europe	619	29
7	Some European countries became industrial nations	488	1072-1075
7	What are the European nations like today	334	pni
7	Who are the European people: Where did they come from and how did they happen to form the European nations we now know	334	pni
7	What part are the people of Europe playing in the world today	334	pni
8	European contributions to our political life	254	72-75
8	Europeans find the red man's continent	302	5-8
8	The new world which Europeans found in their search for trade frontiers	427	6-8
gni	Home life in Europe and other lands	400	68
gni	Life in Europe	618	282-283

EVAPORATION: see Science

EXCHANGE: see Commerce, Money, Trade

EXCURSIONS: * see also Recreation, Transportation, Travel

K	Outdoor play and excursions	611	97-98
1	An excursion to a farm	630	468-470
1	Field trips	625	56-59
1-6	Taking excursions and field trips	432	823-825
1-7	Taking excursions and field trips	514	502-504
1-7	Taking field trips to observe trees, birds, and surface of the earth	514	451-453
3-4	An interesting excursion	119	11-13
4-7	Excursions	486	53
gni	A school journey	408	18-19

EXERCISE: * see also Health

1-7	Providing for adequate physical activity in a healthful environment	514	431
1-7	Responding to situations requiring neuro-muscular skills	514	435-436
1-7	Selecting physical activities within the limit of one's strength	514	431
2	Posture and exercise	198	33-34
4	Exercise and rest	198	55-56

EXHIBITS: ? see also Fair, Museums

1-6	Exhibiting	432	85-86
1-7	Exhibiting	514	474-475
4-7	Holding an exhibit	486	58

EXPANSION: ? see also Industry, Westward Movement

7	Expansion of European civilization into the New World and the beginning of American culture	520	109-110
7	The expansion of the advanced countries into the more backward parts of the world	220	136-159
7	Territorial expansion strengthens nationalism and sectionalism	269	42-48
7-8	Territorial expansion	114	198-200
8	American foreign expansion and the era of prosperity	152	221-222
8	American foreign expansion and the era of prosperity	302	49-54
8	Expansion to the Pacific	391	378-379
8	Territorial expansion	391	374-375
8	Territorial expansion: sectional antagonisms and the slavery controversy	405	39-41

EXPERIMENTS: * see also Science

1	An experiment in freezing	308	10
1	Experiments with growth	265	93-96
1-7	Making experiments	514	441-442

EXPLORATIONS: † see also America, Columbus Day, Discovery, Geography, History, United States

4	Early explorers and their discoveries	339	56
4	European explorers and colonists living in a wilderness country	520	105
4	Exploration in their own neighborhood	605	352-360
4	The explorers	468	320-330
4	Fortune seekers and explorers	114	88-89
4	How America was discovered and explored	629	153-158
4	Marco Polo	468	294-297
4	Recent explorers in the Dark Continent	339	57
4	Some early explorers and discoverers in America	260	42-46
4	Why men sought a new water route to the east	197	65-70
4	Why men sought a new water route to the east	488	546-547
4	Why men wanted to find a short route to the east	416	29-30
4-7	An early explorer	426	97
5	Christopher Columbus	518	355-356
5	Exploration	605	102

EXPLORATIONS: continued

5	Explorations	402	62-66
5	The explorers	641	60
5	Explorers of other days	510	pni
5	Exploring the universe	228	77-82
5	Great explorations make the world larger	488	1017-1024
5	Modern explorers	510	pni
5	My "Book of Explorers"	264	362-363
5-6	Early explorers to North and South America	509	104-107
6	Exploration	402	110-115
6	Exploration and discovery	324	39-42
6	Exploration and settlement of the New World	391	340-341
6	How the spirit of exploration carries on	171	115-119
6	New ideas in the Old World	197	189-192
6-8	What the early explorers found in the New World	524	170-172
7	Exploration	391	361
7-8	Discovery and exploration	208	56-57
7-8	Exploring the earth	208	41-42
8	Early exploration period	127	2-17
gni	Exploration days of Columbian period	615	99
EYES: * see also Body, Health, Light, Senses			
1	Care of eyes	198	24
1-6	Seeing	610	210-214
1-7	Caring for the various parts of the body, such as ears, eyes, feet	514	430
5	Care of the eyes	198	65
gni	Help for our eyes	516	55-56
FACTORY: * see also Community, Industry, Manufacturing			
1-6	An automobile tire factory	167	35
1-6	Factories	640	282
2	Factories: mattress, brick, machine shop	104	14
5	Life in the eastern section: the factory worker, the steel worker, the coal miner	387	25-25a
FAIR: * see also Circus, Exhibits, Festival			
K	A carnival by the little folks	481	158-165
2	The fair	505	234-238
2	A school carnival	117	195
3	A fair or exposition	380	35
4-6	Carnival	605	355
5	Southeastern fair	121	25-27
6	A medieval fair	244	157-159
gni	Carnival	623	247-249
FAIRYTALES: see Dramatizing, Folklore, Stories			
FALL: see Seasons			
FAMILY: * see also Children, Home Life, House, Housekeeping			
K	How the family lives and works - Our Store (Language Arts Experiences)	222	14-18
K	How the family lives and works - Our Store (Science Experiences)	222	32-35
1	The family	315	1-8

FAMILY: continued

1	The family	619	24 28
1	Family life	250	8-9
1	How a family secures food, clothing, and shelter	498	168-169
1	How do the members of the family help each other in the home	491	85-86
1	How the community helps the family play and enjoy living	214	71-79
1	How the community helps the family protect health, safety, and property	214	60-70
1	How the family lives and works	332	863
1	How the members of a family group help one another in work and pleasure	487	43-65
1	How the members of a family group help one another in work and in pleasure	488	842-849
1	Keeping family expenses	330	385
1	New friends at home and at school	108	55-61
1	Our families	505	147-155
5	How the American family has become more and more interdependent since colonial times	228	17-22
7	Families	614	118-126
FARM: * see also Agriculture, Country (rural), Dairy, Domestic Animals, Food, Fruits, Industry, Ranching			
K	The farmer	166	pni
K	Our farm	515	102
			106-112
K	Animals - farm animals	104	13
K-1	Farm unit	307	28-29
K-2	A farm	390	28-40
K-3	Building a play farm and a play village or either alone	604	214-222
K-3	A place near our city, the farm	425	25-26
			47
			57-58
			100-102
1	Animal life on the farm	134	24-48
1	Animal life on the farm	625	61
1	Animals on the farm	512	F18-F28
1	Family life within the home (farm)	130	6
1	The farm	115	62-65
1	Farm	130	2
1	The farm	154	24-28
1	The farm	173	87-123
1	The farm	196	15-17
1	The farm	199	33-39
1	The farm	201	3-23
1	Farm	233	13-16
1	The farm	290	1-25
1	The farm	308	6-7
1	The farm	325	24-30
1	The farm	327	12-18
1	The farm	402	15-17
1	The farm	416	7-8

FARM:	continued		
1	The farm	417	10-14
1	The farm	443	63-70
1	The farm	510	pni
1	The farm	619	24
1	The farm	620	109-121
1	Farm animals	130	6
1	Farm crops	130	6
1	Farm home	130	2
1	A farm home	506	47
1	Farm life	256	32-45
1	Farm life	303	64-76
1	Farm life	337	43-49
1	Farm life	339	30
1	Farm life	380	17-18
1	Farm life	636	322-345
1	Farm life - pets	337	23-28
1	Farm, plant, and animal helpers	779	1-14
1	Farm unit	522	1-9
1	A farm unit	643	50-51
			84
1	The farmer	505	179-186
1	Farming on the homestead	607	132-135
1	Farms and farming	607	24-26
1	An excursion to a farm	630	468-470
1	Lindale farm	120	25-27
1	Living on a farm	467	29-32
1	Marketing farm crops	330	380-381
1	Our farm	792	17-32
1	Plan of the farm	134	1-11
1	Studying farm life	630	308-309
1	A trip to the farm	630	325-328
1	A visit to Farmer Brown's home	151	64-66
1	Workers on the farm	134	12-23
1-2	An animal farm	620	33
1-3	The farm	152	22-28
1-3	The farm	446	24
			68-73
1-3	The farm	606	161
1-3	Farm animals	640	175
1-3	Farm life	618	101
			109
1-3	Farmer	603	92
1-3	Living together on a farm	407	48-62
1-3	Pets, the farm, the dairy or the circus	447	10-11
1-6	A northwest farm	167	38
1-6	The small-produce farmer and his wife	167	39
1-6	Truck farming	640	282
1-8	Improvement of the farm home	496	138-142
2	The contribution of the arts to the study of the farm	332	374-380
2	Farm	104	14
2	Farm	129	2
2	The farm	172	19-24
2	The farm	332	869-874
2	The farm	445	23-32
2	The farm	619	29

FARM:	continued		
2	Farm animals	130	7
2	Farm crops	130	7
2	Farm life	323	12-16
2	Farm to city and back	779	15-20
2	The flour mill and the farm	186	351-376
2	How the farm provides food for all the people of the world	215	47-65
2	How the farm provides food for all the people of the world	225	14-23
2	Living on a farm	629	109-113
2	The market and the truck farm	186	241-263
2	Shepherd life in Arabia	327	42-50
2	Spring activities on the farm	289	178-181
2	A study of farm life	491	30-32
2	A study of the banana industry	632	131-146
2-3	Finding out about farm life and building a play farm	604	196-206
2-3	Finding out about farm life and building a play farm	611	145-148
2-3	A trip to a neighboring farm	181	pni
3	Corn	340	105-116
3	Corn and corn products	187	143-188
3	Farm health unit	518	573-575
3	Farm life	311	8-15
3	Farming	129	3
3	Life on a farm	603	68
3	Life on the farm	157	14-16
3	Our neighbor, the farmer	204	1-13
3	Our neighbor, the farmer	206	pni
3	Truck farm	380	35
3	A truck-farm neighborhood	157	20-22
3-4	The farm	242	100-116
4	Farmers in California	605	101
4	Farming	333	56-62
4	In what ways farming in Arizona is unlike farming in Netherlands	114	23-25
4	People of the great farming lands between the tropics and the polar circle	396	21
4	Truck farming	446	100-101
4-7	Building a farm	486	56
5	Corn	776	1-9
5	Farming	605	102
5	Farming, lumbering, and the vacation business in the northeastern section	158	75-78
5	How do the industries of agriculture and cattle raising in the Americas help to meet the food and clothing needs of the world	110	62-65
5	How do the industries of agriculture and cattle raising in the Americas help to meet the food and clothing needs of the world	111	67-72
5	How people are using the land of the west now	202	pni
5	How the early farmers west of the Appalachian Mountains lived	170	80-85

FARM:	continued		
5	How the people of the western states use their extensive lands	170	44-49
5	Life in the agricultural regions, the farmer	387	21-24
5	Sailors, settlers, and peddlers - the farmers east and west (Northeastern United States)	158	69-70
5	Trucking and farming in Mississippi	331	179-180
5	A unit of work on wheat farming in the Dakotas and Minnesota	518	387-388
5	Wheat, cattle, mixed farming west of the Mississippi	512	p4-j12
5	The workers of our country - the farmer	285	pni
6	Farm life	793	1-21
6	Farming and farm life	194	29-42
6	Science helps the farmer	235	1-14
7	Dry farming	114	76
7	Farm crops	332	9-11
7	The farm wood lot	332	12-13
7	Farming as an occupation	332	5-6
7	Life in the farming regions of the world	114	66-68
7	Herding	396	24
7	Living and working on farms	442	27-29
7-8	Harvest time in the open spaces	255	3-9
8	Beautifying the farm home	332	19-20
8	The business of farming	332	20-22
gni	Farm service occupations	635	172
gni	The farm unit	628	407-413
gni	The farmer and his problems	620	33
gni	Farming	635	171-172
gni	How to develop a sound farm economy	210	77-96
gni	Life on the farm	400	39

FARMING: see Farm

FEATHERS: see Birds, Chickens

FEET: see Body, Health

FESTIVALS: * see also Christmas, Fair, Games, Holidays, Thanksgiving

K	Festivals and programs	250	4
1	Festival days and birthdays, incidental	380	19
1-6	Holding a harvest festival	609	167-169
2	Birthdays and festival days - incidental	380	27
3	Birthdays, festival days; incidental	380	35
4-6	Games and festivals	118	93-98
gni	Festival	623	226-227

FEUDALISM: † see also Middle Ages

5	Knighthood and feudalism in England	603	70
5	Knighthood, chivalry, and feudalism	603	66
6	The age of chivalry	282	26
6	The age of chivalry	620	205-211
			223-234
6	Castle life (Feudalism)	149	2-15
6	The church (Feudalism)	149	16-37
6	Knights and knighthood	446	163
6	The Knights of the Silver Shield	284	pni
7	Feudal life	619	29

FIELD TRIPS: see Excursions

FILIPINOS: see Philippines

FILLING STATION: see Automobiles

FINANCE: see Money

FINE ARTS: see Art

FINLAND: † see also Europe, Scandinavian Countries

4	Sweden's neighbor Finland	258	47-61
6	Russia, Poland, Finland and the three Baltic Republics	132	914-959
6	Why is the small country of Finland able to pay her debts	166	pni

FIRE: * see also Fire Department, Heat, Safety

K	Smoke	219	37-38
K-2	Prevention and control of fire	390	128-138
1	Fire and its uses	223	59-62
1	A fire needs air to burn	240	69-70
2	Fire and its uses	332	131-132
2	Fire as a friend	261	7-10
2	Keeping our homes and schools safe from fire	331	105-108
3	Man uses fire	240	143-145
3-4	Protecting life and property from fire	213	22-30
4	Fire prevention (in our forests)	234	1
4	Safety with fire	121	106-108
4-6	Protecting life and property from fire	116	150-152
5	Fire and fuel	447	89-91
5	Fire, man's friend and foe through the ages	121	28-40
5	Oxygen and fire	228	83-87
5	The story of fire	179	75-83
6	Ancient and modern methods of producing fire	447	123
6	Fire and fuel	447	120-121
7	Fire - friend and foe	406	15-16
7-8	Fire as the servant of man	255	37-40
8	Fire control and uses	488	1334-1338
gni	Fire hazards	338	17-36
gni	Lightning, forest, and prairie fires	338	86-88
gni	Matches, holiday hazards, rural schoolhouse fires	338	45-54

FIRE DEPARTMENT: * see also Fire

K	The fireman's work is to help protect the people of the village	481	106-116
K-3	The fire station	272	43
1	Fire and firemen	445	1-12
1	Fire! Fire!	780	18-29
1	Fire station	380	13-16
1	Fireman	130	2 6
1	The fireman	636	418-430
1	What we saw at the fire house	603	65
1-3	The fire department	446	26 53-62
1-3	Policemen and firemen	640	175
1-3	Protecting our home and school from fire	116	90-93
2	The fire department	186	264-279

FIRE DEPARTMENT: continued

2	The fire department	257	19-24
2	The fire department	310	25-32
2	The fire department	332	880
2	The fire department	404	144-148
			174-175
			178
2	Fire prevention	225	85-87
2	The fire station	512	g11-g16
2	Fireman	130	4
			7
2	The fireman	233	26-27
2	Firemen	104	14
2	How the firemen help us	304	76-80
2-3	Fire houses	604	217
3	Fire houses	325	117
3-5	Fire station - visit	618	132-134
gni	Motion pictures on fire prevention	338	93-94
gni	Preventing fires	338	11-16
gni	Preventing fires on the farm	338	88-93
gni	School inspection, home inspection, fire drills		
gni	A visit to the fire station	338	37-44
gni	Volunteer firemen and first aid	644	7
		338	67-80
FIRST AID: * see also Health, Safety			
1-7	Rendering first-aid treatment in case of accidents	514	433-434
3	Simple first aid	198	47
6	First aid	234	1-11
gni	Making bandages	516	46
gni	Volunteer firemen and first aid	338	67-80
FISH: * see also Fishing, Pets			
3	How goldfish are cared for	488	1249-1250
4	The life cycle in birds, fish, and insects	227	77-84
5-6	Fish	460	pni
6	The development of animal life - the age of fishes	241	120-124
FISHING (industry): * see also Fishing (recreation),			
	Food Industry, Occupation		
4	Cod fishing on the New England coast	381	40
4	Fishermen in California	605	101
4	Fishing industry	183	132-134
4	Garden friends and foes - the oyster	447	34-35
4-7	Fishing in the United States	426	121-123
5	Fisheries of the world	262	255-263
5	The fisheries of the world	488	997-1001
5	The fisheries of the world	218	74-107
	Mining the hidden treasures of the earth		
	Our forest industries		
5	Fishing	605	102
5	How environmental conditions determine the industries of people - fishing, mining, and forestry	228	31-43
5	How the fishing industry helps to satisfy the needs of man	746	1-17

FISHING: continued

5	Life in the Northwest including Alaska, the lumberman, the fisherman, the miner	387	15-19
5	A study of the fishing industry	264	357-359
6	Fishing in the United States	462	3-6
7	Fish, their economic value	276	17-19
			22-24
			32-35
7	The fisheries and forests of the United States and of the world	277	134-156
7	Hunting and fishing	396	24
7	The life of the fishermen	114	68
7-8	Agriculture and fishing	419	1-22
gni	Fish and fishing	620	33
gni	Fishermen and their work	620	33
gni	Fishing	635	173

FISHING (recreation): see Recreation, Sports

FLAG: * see also Citizenship, Special Days

3	Flag Day	435	5
4-7	The history of the United States flag	426	134
5-6	The flag of the United States and the Republic for which it stands	166	pni
6	Flag Day	171	178

FLAX: see Colonial Life, Farm

FLIES: see Insects

FLOODS: see Conservation

FLORIDA: see Fruit, Sea Life, States, Miscellaneous

FLOUR MILL: see Bakers and Bakeries

FLOWERS: * see also Garden, Nature Study, Plants,
Seeds, Wild Flowers

K	The flower store	308	5
K	Raising flowers	629	48-49
K-3	Flower shops	604	218-219
1	Flower shop	380	19
1	Flowers in the fall	340	6-9
1	Selecting flowers to be used together; painting containers; arranging flowers in a container	207	101-103
1-3	The home or the community (flowers, trees, plants, shrubs, seeds, vegetables, etc.)	447	17-18
1-3	Study of sun flowers and other flowers	643	80
1-6	Holding a fall flower show	609	182-183
1-6	Holding a winter flower show	609	312-314
1-6	Starting the bulbs for a winter flower garden	609	224-227
1-6	Watching flowers form fruits	609	429-431
2	Bulbs	340	62
2	Flowers	104	14
2	The flower shop	310	41-47
2	Growing flowers	613	129-133
4	Flowers	121	100-104
4	The flower industry	446	100
4	The flower industry	447	44-46

FLOWERS: continued

4	Flowers and their relations to birds, insects, animals, and inorganic environment	109	49-55
4	Flowers	640	252
4	Growing Easter lilies	605	349-352
4	How flowers make new plants	241	13-15
4-6	The flower show	180	16-17
4-6	Trees and flowers in design	118	74-76
5	How to make collections of flowers, butterflies, leaves, etc.	129	4
5	A study of flowers and birds through poetry	264	363-364
7	Flowers and plants	406	27-28
gni	Birds and flowers	237	95

FLYING: see Airplane, Birds

FOG: see Weather

FOLKLORE: * see also Dramatizing, Literature, Myths, Stories

1-3	Myths and legends	446	28
3	Stories or folklore leading to dramatization	418	95-98
3-4	Myths: How the first story tellers, by stories which are called myths, explained the world in which we live	509	128-130
4	Fairy tales and folklore	282	20
4	Folk tales	195	42-43
4-5	In the fairies court	605	438
5	Folk tales	195	53
6	Folk tales	195	61-62
8	Legends and folklore	332	569-573

FOOD: * see also, Agriculture, Bread, Cereals, Farm, Fishing, Fruit, Grains, Grocery, Home Life, Markets, Meat, Milk, Nuts, Plants, Vegetables, Wheat

K-3	Basic needs: food, shelter, clothing	272	33-34
K-3	Food	604	237-244
K-3	Food and clothing from afar	425	31-33
			48-49
			61-70
			106-109
K-3	Our need for food, clothing, and shelter	425	26-30
			47-48
			58-61
			103-105
K-3	Preparation of food for winter	628	274
K-8	Cooking	622	296-308
1	Buying articles of food in the school cafeteria	207	82
1	Finding out about bread and milk in the first grade	604	226-237
1	Food	198	18-19
1	Food	625	133
1	Food community, the grocery store	469	pni
1	Food community, vegetable market	472	1-5
1	Food from plants and animals	240	52-53
1	Food in the home	262	34-39
1	Food in winter	340	42-44

FOOD:	continued		
1	Foods of animals	332	124-125
1	How does our family provide itself with food, clothing, and shelter	514	44-46
1	How the community helps the family secure food, clothing, and shelter	214	28-41
1	How the family depends upon farm workers for food	100	17-24 26
1	How the family depends upon farm workers for food	487	69-113
1	How the family depends upon the farm workers for food	488	849-860
1	Operating a cold drink stand	330	374-375
1	Our food in the home	315	55-71
1	Selecting and preparing food	330	90-97
1	Selecting and preparing food	331	63-68
1	Sources of food supply	632	183-194
1	A study of food	120	64-67
1	A unit of work on the food of the family	185	58-62
1-2	Conserving foods produced in the community	212	42-47
1-2	Food	274	68-69
1-2	How we get our food	333	62-69
1-3	Conserving foods produced in the community	116	93-94
1-3	Food	446	24
1-3	Food, shelter, clothing	447	18-19
1-3	How we save our food	117	131-134
1-3	Producing food in home and community	116	98-100
1-3	Supplying the community with food	116	100-101
1-5	Food	640	264
1-6	Comparing our range of foods	609	326-328
1-6	Cooking	610	113-117
1-6	Cooking a meal out of doors	609	203-204
1-6	Dishes Americans use	244	260-263
1-6	Drinking	610	128-133
1-6	Eating	610	133-165
1-6	Finding how we get our foods	609	176-178
1-6	Food study	244	240-246
1-6	Making maple sugar	609	369-371
1-7	Preparing food	514	365-367
1-7	Preparing food	514	365
2	Eating the right foods	319	14
2	Experiences preparing and using simple foods	339	39
2	Food	198	29-30
2	Food	488	1381-1388
2	Food	506	47
2	Food	510	pni
2	Food	619	25
2	Food and its sources	316	18-29
2	Food, clothing, and shelter in our community	108	107-117
2	Food in the community	262	57-63
2	Food store	130	4
2	Food supply	304	42-51
2	Foods	237	92-93
2	Foods	380	27
2	Foods we eat	234	1-4
2	How living things get food	445	33-49

FOOD:	continued		
2	How man first learned to provide food, clothing, shelter, and tools for himself	215	66-77
2	How man first learned to provide food, clothing, shelter, and tools for himself	225	24-29
2	How our homes get their food	320	64-75
2	How our neighborhood secures food, clothing, and shelter	498	175-177
2	How we get our food	330	296-298
2	The kinds of food we need	332	141
2	The sources of food	316	1-17
2	Sources of food for man	332	135-136
2	Sources of food the green market	477	1-8
2	A study of food - the building of a tea room	304	54-64
2	Where we get our food	330	108-115
2	Where we get our food	331	78-82
2	Workers who give us our food	505	265-269
3	Food	131	231
3	Food	198	44
3	Food	260	7-8
3	Food	325	104
3	Food	605	100
3	Food and drink	190	38-47
3	Food, clothing, and shelter	251	4-6
3	Food (Switzerland)	143	17-24
3	Foods	343	pni
3	Foods	357	1-13
3	Foods	486	11
3	Foods we eat	234	1-2
3	Helpers who give us food	505	340-344
3	How the farm and city supply our food, clothing, and shelter needs	108	166-174
3	Mexican foods	142	102-110
3	Sources of food and clothing	640	252
3	The story of maple sugar	418	27-30
3	Weather and climate in relation to sources of food	640	252
3	Where our food and water come from	175	1-2
3	Where our food comes from and what people work together to furnish it for us	100	51-82
3-4	Food habits	319	40
3-4	Providing pure food and water supplies	213	9-15
4	A food study	625	61
4	Food we eat	104	19
4	Foods to make good red blood	332	168
4	The four great primary needs: food, clothing, shelter, fuel	336	16-22
4	How our foods are produced	169	33-39
4	How we secure the foods we need	131	419-436
4	Learning to choose healthful luncheons	629	179-184
4	Making tea	641	143
			159-160
4	Preparing and cooking Chinese food	641	140-143
			155-159
4-5	Importance of food to the human race	333	41-50
4-5	Our food	243	99-110
4-6	Providing pure food and water supplies	116	137-138

FOOD:	continued		
4-6	Utilizing animals for man's food and clothing	116	161-162
5	A candy sale	617	2-4
5	Checking up on our food habits	332	188-190
5	Communicating facts about foods; use of communication technique	455	pni
5	The cooking outfit	412	7-22
5	Developing and conserving non-human resources related to food production	455	pni
5	Expressing and satisfying aesthetic tastes in food preparation and table manners	455	pni
5	Food	198	64-64a
5	Food	446	128-136
5	Food	447	55-61
			73-79
5	Food: the cow	447	58-60
5	Food: fish	447	60-61
5	Food: fruits	447	78-79
5	Food: hen and chickens	447	55-57
5	Food: the study of the corn plant	447	74-78
5	Foods	620	187-193
5	Good food and good health	603	70
5	Improved ways of providing for food, clothing, and shelter needs	387	37-41
5	Organizing and governing regulations pertaining to foods	455	pni
5	Planning baskets for two needy families	617	7-9
5	Preparing and serving a colonial meal	641	174
			246-251
5	Producing, distributing, and consuming nutritious foods	455	pni
5	Recreating and playing where health-building foods are to be had	455	pni
5	The story of food	282	22-23
5	Transporting food products	455	pni
5	The upper valley of the Mississippi has developed into one of the great food-producing regions of the world	267	15-24
5-6	Food	383	11-18
5-6	Food supply of Canada	620	34
6	Banquet table	600	297-307
6	The care of food	198	89
6	Changed ways of securing food	388	37-40
6	Distribution and consumption of food in the United States	462	43-47
6	Food as a factor in the environment of living things	229	106-115
6	Foods	506	48
6	Foreign distribution of food	462	52-54
6	How science helps us to preserve our foods	288	169-176
6	How we are fed	190	253-260
6	Manufacturing food in the United States	462	35-42
6	Our country's food resources and how we utilize them	434	23-35
6	Our food needs and how they are furnished	219	40-49
6	Our food needs and how they are furnished	229	17-26

FOOD: continued			
6	Production of food in the United States	462	3
6	Rivers and lake highways of commerce aid in the distribution of food	462	52
6	Sectional interdependence of the United States as related to the distribution of food		
6	A study of food, clothing, and shelter	121	3-7
6	Sugar and spices	462	26-29
6	Wandering food gatherers	388	28-29
6	Ways of home-building, securing food, car- ing for young, and growing to adult form	388	68-73
6	What part does the retailer play in the food industry	462	48-50
7	Food in relation to health	278	14-19
7	Foods and nutrition	176	124
7	Our food resources and how we use them	129	6
7	Preparation of luncheon and supper foods	278	20-55
7-8	Our food and its uses	255	24-29
7-8	Preparing and serving breakfast	488	1472
7-8	Providing a pure food and water supply	329	142-148
8	Food preservation	276	101-106
8	Food problems of today and some possible solutions of these problems	276	104-106
8	Food protection is "health protection"	276	103-106
8	Foods and nutrition	176	125
8	How food affects the life processes	176	178
8	Soils, gardening, and preservation of food	488	1343-1348
8	Sources of food	276	99-100
8	Utilization of food	276	104-105 100-101 104-105
gni	Buying foods wisely	263	101-117
gni	Food	165	pni
gni	Macaroni and spaghetti	516	57
FORESTS: * see also Conservation, Lumbering, Natural Resources, Trees, Wood			
4	National Parks and Forests	145	69-87
4-6	Forest preservation in Georgia and the United States	236	70-84
4-6	Providing for conservation of forests	116	144-145
5	Forest resources of the earth	262	249-254
5	Forestry	605	102
5	Forestry in the fifth grade	495	117-119
5	How environmental conditions determine the industries of people - fishing, mining, and forestry	228	31-43
5	Our country's natural resources (forests)	285	pni
5	Our forest industries	218	74-107
5	Trees and forests	343	pni
5	Trees and forests	346	1-14
5	Using the forest resources of the earth	488	1001-1006
5-6	Forest preservation in Georgia and the United States	239	19-38
7	The fisheries and forests of the United States and of the world	277	134-156

FORESTS: continued

7	Forests	396	24
7	The forests of Arizona and how they are used	114	75
7	Life in the great forests of the world	114	65-66
7	Mosses and ferns in relation to forest life	276	62-63
			69-71
7-8	Forests of the world	208	37-38
gni	How to protect Florida's forests	210	97-107

FOSSILS: see Prehistoric Times, Records

FRANCE: † see also Europe

3	Brittany	418	43-49
3	France	131	213-224
3	Great citizens of France whom we should know	131	219-221
3	The land of sunny France	131	215-217
4	Travel by automobile	152	70-72
4-5	Frontier days among Spanish and French west of the Alleghanies	524	99-103
4-7	France	426	150-160
5	French claimed central part of North America	202	pni
5	How the French explored the region	170	3-7
5	The story of Charlemagne and the Franks as a basis of present-day life in France	336	122-125
5	The struggle between the French and English	177	pni
5	A trip to the Netherlands, Germany, Switzerland and France	433	57-66
5	A trip to the Netherlands, Germany, Switzer- land and France	437	64-75
5-6	France, yesterday and today	509	107-110
6	France	132	764-779
6	France	171	48-53
6	France	324	11-15
6	France	413	86-91
6	France	488	691-692
6	France	605	103
6	France	606	408
6	France, an agricultural and manufacturing country	619	26
6	France and French possessions	399	4
			15
6	France and her possessions: Asia, Africa, others	396	23
6	France and its colonial possessions	322	34-49
6	France and its possessions	114	56
6	France and its possessions	510	pni
6	France has long been a dominant nation in Europe	268	51-58
6	France, Spain, and Portugal	197	194-199
6	French possessions	413	137-139
6	How have France, Italy, and Germany become great industrial and agricultural nations	111	111-115.
6	How the French gained a claim to American lands	510	pni
6	Modern France	620	211-217
7	Countries of the Great Lowland Plain and Central Upland: France and the Low Countries	391	352

FRANCE: continued

7	France, a leading industrial nation and the world's second largest empire	301	57-59
7	France - an agricultural and industrial nation	245	15-16
7	France, the world's second largest empire	152	191-192
8	France	490	7-11
8	Why Germany and France are key countries in present day world affairs	335	42-44

FREIGHT: see Commerce, Transportation

FRIEZE: ? see also Art, Handwork

1-6	Making friezes	432	13-15
1-7	Making friezes	514	483-484
4-7	Making a frieze	486	56
gni	Drawing and painting a frieze	341	94

FROGS: * see also Animals

1-3	The community or the garden (toads and frogs)	447	14
4	Frogs and toads	330	200-209
4	Frogs and toads	331	157-163

FRONTIER: ? see also Colonial Life, Pioneer, Westward Movement

1-3	The coming of Nicholet	403	18-20
4	Adaptation of life to advancing physical frontiers	513	42
4	Frontier living in respect to protection and home building	518	662-664
4	How does frontier living modify and how is it modified by the production of goods and services	514	136-142
4	How does frontier living restrict the consumption of goods and services	514	142-144
5	Life on the American frontier	248	1-83
5	Life on the western frontier	251	40-44
6	Adventures	195	58-60
6	A frontier cabin	618	305
7	New frontiers	389	59-75
gni	Adventure and heroism	176	36-37

FRUIT: * see also Farm, Food, Health, Seeds

K-1	Common fruits and vegetables	261	6-7
1-6	Fruits	167	18
2	Fruits and vegetables	138	24-29
2	A study of the banana industry	632	131-146
3	Fruits of plants	332	144-146
3	The story of citrus fruits	418	1-7
4	A California fruit market	446	107-108
4	Citrus fruit growers in California	605	101
4	The fruit grower	284	pni
4	The fruit industry	446	107
5	Fruit	521	110-125
5	Fruit	522	1-15
5-6	Fruit	460	pni
6	Fruits and nuts	462	22-26
6	Fruits, grains, vegetables, nuts, etc.	461	pni
6-8	Fruits in Oregon	401	26
8	Fruits and vegetables	332	13-14

FUEL: * see also Fire, Gas, Heat, Oil, Wood		
3	Shelter and fuel	190 52-55
5	Fire and fuel	447 89-91
6	Fire and fuel	447 120-121
FUR TRADE: * see also Commerce, Trade		
3	The fur trade	325 100-103
4	Expansion through fur trade	197 107-112
4	How western lands were opened for fur trade and travel	169 55-61
4-5	The fur traders and the missionaries	524 120-122
5	Fur-bearing animals - North America	119 34
FURNITURE: * see also Home Life, House, Housekeeping, Wood		
2-6	Utensils and furnishings	640 264
5	Furnishing a log-cabin	641 173
		226-246
5	Furnishing an apartment	642 310
5	Furniture: a study of period furniture	121 116-117
5	Furniture for a six-room house	642 310
6	Furnishing a girl's or a boy's room	642 311
7	Houseplanning and furnishing	176 124
GAMES: * see also Dancing, Festivals, Playing, Sports, Toys		
1	Games	642 309
1	Laying out a baseball diamond	330 372-373
1	Managing a softball game	330 386
1	Matching game	604 618
1	Number games	604 619
1	Phonetic game	604 622
1	Playing games	330 391
1	Plays and games	315 43-48
1	Plays and games in the home	315 35-42
1-2	Games or informal tests	370 49
1-2	Playing roly poly	627 90-91
1-3	Playing of games	624 81-83
2	Games - tenpins, target games, etc.	642 309
3	Dictionary game	604 620
3	Games around the world	265 110-115
4	For fun	195 38-39
4	Measuring distance for games	642 310
4-6	Games and festivals	118 93-98
4-6	Participating in games and sports	116 183-184
6	For fun	195 64
GARDEN: * see also Farm, Flowers, Fruit, Plants, Rock Garden, Seeds, Vegetables		
K	A garden unit	440 7-13
K	Gardens near and far	769 1-29
K	Making a garden	604 532
K	Our garden	120 12-15
K	Spring gardens and animals	607 205-208
K-1	Gardens	640 251
1	Crops and gardens	134 48-80
1	The garden	330 423
1	Garden experience	604 548
1	Garden stories	636 465-472

GARDEN: continued

1	Garden unit	438	14-15
1	Gardening	231	16-18
1	Gardening	235	1-3
1	Gardening	332	629-633
1	Gardening	333	70-77
1	Gardens	309	56-66
1	Indoor garden	619	24
1	Making a flower garden	330	379
1	Mother nature's bulb garden	120	6-11
1	Our rock garden	120	18-22
1	Our school garden	120	22-24
1	Our school's garden	331	68-72
1	Outdoor garden	619	24
1	A school garden	457	1-12
1	A school garden	496	20-33
1	Work and fun in our garden club	120	15-18
1-2	House and garden	620	33
1-3	The community or the garden (caterpillars, moths, and butterflies)	447	12-13
1-4	Indoor gardens, aquaria, and terraria	382	28-31
1-6	Gardening	610	173-177
1-6	Gardening the playhouse	609	432-434
1-6	Growing a winter garden of twigs	609	315-317
1-6	Making a garden	167	17
1-6	Rearing some toads to protect our gardens	609	404-407
1-6	The school garden	207	32-35
1-7	Gardening	514	361-362
1-8	Development of a school garden	603	87
2	Creating a garden and a garden market	629	114-119
2	Garden	104	14
2	Garden	130	4
2	The garden (indoor and outdoor)	619	29
2	Gardening	340	85-86
2	Gardening	343	pni
2	Gardening	353	1-9
2	School and home gardens	339	39
2	A school garden	608	134-150
3	Garden	605	100
3	A garden or conservatory	380	35
3	An indoor garden	243	75-83
3	Our garden neighbors	505	318-322
3	School and home gardens	339	48
3	Tulip bulb planting	644	7
4	Garden friends and foes - ants	447	31-33
4	Garden friends and foes - birds	447	29
4	Garden friends and foes - the bumble bee	447	26-27
4	Garden friends and foes - the earthworm	447	27-28
4	Garden friends and foes - the honey bee	447	25-26
4	Garden friends and foes - lady-bird beetle	447	33-34
4	Garden friends and foes - spiders	447	29-31
4	Garden friends and foes - toad	447	29
4	Gardening	640	252
4	The home garden. Does it pay	642	310
4	The school garden, measuring, etc.	642	310
4-6	A colonial flower garden	119	30-31
4-6	Gardening	621	100

GARDEN: continued

4-7	Gardening	486	55
6	A school garden	613	189-192
7	A garden adventure	102	193-207
7	Garden crops: their characteristics and economic value	276	61
			69-71
7	Improving the school garden	603	70
8	Developing our school garden	603	66
8	Gardening	406	46-47
gni	A garden	115	65-67
gni	Making a garden	235	1-6
gni	Making a winter garden	408	19
gni	Planting home gardens	102	187-193
GAS: * see also Fuel, Heat, Oil			
3	Norfolk's gas and light supply	380	35
5	Gas and electricity	373	24-30
5-6	Gas and electricity	373	14-15
gni	Electricity. gas, radio hazards	338	60-66
gni	Gasoline	338	55-59

GEOGRAPHICAL REGIONS: † see also Atlantic States, Middle Atlantic States, North Central States, Pacific Coast States, Plateau States, Sea Coast States, Southern States

4	A fourth grade unit on type regions	244	43-48
4	The High Sierras	284	pni
4	The hot wet regions of our earth	468	255-288
4	Regions in hot climatic belt have contributed little to the progress of civilization	266	42-49
4	Grasslands of the Tigris, Euphrates, Nile: the oasis, the river farming regions	152	61-63
4	Regions of high latitudes and great elevation have contributed comparatively little to the progress of civilization	266	34-41
4	The Sierra Nevada region	131	381-394
4	Type region examples	104	19
	1. Baffin Islands	8. Arabia	
	2. Greenland	9. Sahara Desert	
	3. Lapland	10. Netherlands	
	4. Belgian Congo	11. Switzerland	
	5. Borneo	12. Scandinavian countries	
	6. Mexico	13. Italy	
	7. Southwestern United States		
4-7	Living in northern and in southern regions of the world	426	16-21
			45-47
			69-85
			255-256
5	The Central States	114	38-41
5	Central States	197	136-140
5	The Central States	488	671-673
5	Geographic survey - Central States	313	22-23
5	A geographic survey of the North American continent	396	3
			22
5	The geography of the part of our country in which we live - Central States	396	5
			22

GEOGRAPHICAL REGIONS: continued

5	Human-use regions (North Central States)	158	62-64
5	Northeastern States	197	124-127
5	The Northeastern States have become a densely populated region	267	51-60
6	Grasslands, deserts, oases	126	1-9
7	The Southwest, California, and the Pacific Northwest	254	17-22
8	The great sectional conflicts	334	pni

GEOGRAPHY: † see also Asia, Cities, Earth, Europe,
Maps, Travel, United States, also names of
countries, as Africa

3	Geography in the third grade	495	63-65
3	Life in distant lands	467	45-48
4	Geography in the fourth grade	495	65-66
4	How geographic conditions influence human life	336	23-25
4	Important geographical features	386	39-41
4	Local geography and elementary northwest history	467	49-53
4	North Central United States	190	123-127
4	Northeastern United States	190	111-116
4	Physical features	619	25
4	Southern United States	190	117-122
4	Western United States	190	128-133
5	Geographic survey - Eastern States	313	12-13
5	Geographic survey - Western States	313	46-47
5	Geography in the fifth grade	495	67-68
5	The great west	114	112-113
5	The western mountain region	260	69-71
5	The Western States	114	32-35
5	The Western States	321	121-129
6	A geographic survey of the eastern hemisphere	396	23
6	Geographic survey of eastern hemisphere	399	4
6	Geography in the sixth grade	495	68-69
7	Countries of the Greater Highland and neighboring Lowlands	391	354
7	Geography in the seventh grade	495	69-70
7-8	Effects of geographic environment upon the individual	208	158-159

GERMANY: † see also Europe

4	Germans	619	29
4-7	Germany	426	173-175
5	A trip to the Netherlands, Germany, Switzerland and France	433	57-66
5	A trip to the Netherlands, Germany, Switzerland and France	437	64-75
5-6	Why Great Britain and the United States are closely allied	243	126-141
6	Germany	132	781-795
6	Germany	171	62-66
6	Germany	324	7-10
6	Germany	413	91-96
6	Germany	605	103
6	Germany	606	408

GERMANY: continued

6	Germany, a powerful industrial nation	619	26
6	Germany and France	202	pni
6	How have France, Italy, and Germany become great industrial and agricultural nations	111	111-115
7	Germany	245	17
7	Germany, a powerful industrial nation and the center of European trade	152	192-194
7	Germany: industrial and commercial	301	60-62
8	Germany	490	12-16
8	Why Germany and France are key countries in present-day world affairs	335	42-44

GIFTS: * see also Birthdays, Christmas, Handwork

K	Our Christmas gifts	325	22
1	Making gifts	330	381
1-3	The gift shop	334	pni

GIRLS: see Children, Family

GLASS: see Handwork, Manufacturing

GOLD: see Gold Rush, Mining

GOLD RUSH: * see also California, Discovery, Frontier, Mining

4	The gold mines	284	pni
4	The Gold Rush	145	46-68
4	The Gold Rush	152	50-52
4	The Gold Rush	404	382-389
			411
			415
			418
4	The Gold Rush	606	161
4	The Gold Rush and early pioneer life	386	57-58
4	Gold Rush and statehood	619	26
4	Search for gold in the New World	202	pni
5	Gold	619	29
6	The search for gold in the New World	619	29
gni	Gold	151	69-74
gni	Searching for gold	516	20-21

GOVERNMENT: * see also Cities, Citizenship, Community, Constitution, Democracy, Feudalism, Politics, United States

K-1	Organizing and governing	456	26
1	Finding out about election day	430	6
2	Organizing and governing	456	30
3	Organizing and governing	456	36
4	County government and agencies	619	25
4	How our state is governed	436	43-49
4	Organizing and governing	456	41
4	State government	619	26
5	How our government works	103	174-178
5	Junior council	506	48
5	The New Republic	114	107-108
5	Organizing and governing	456	47
5-6	National election project	623	419-420
6	How government in America grew	381	52

GOVERNMENT: continued

6	How our Constitution was made	334	pni
6	Life under a dictator	506	39-46 48
6	Organizing and governing	456	54
6	A present-day problem, presidential election 1936	643	65-68 84
6	The school election	194	83-101
6	The story of government	314	34-43
7	City government	501	104-108
7	City government and services	113	197-202
7	Getting acquainted with government through self-government	498	150-157
7	The government at the close of the Revolution	391	368-369
7	The growth of autocratic governments	405	19-20
7	How our present form of government was secured	335	16-18
7	The judicial plan	391	372-373
7	Law making and law enforcing	391	372
7	Local tax rates and distribution of money	642	312
7	Organizing and governing	456	61
7	Our government and ourselves	788	19-36
7	Some American ideas about government	391	369-370
7	Suffrage	113	172-177
7	Why are governmental monopolies established for the provision of certain services	514	277-278
7-8	Establishment of our government	114	181-184
7-8	How parties govern	208	58-59
7-8	How taxes are used to buy common benefits	496	113-126
7-8	Making our form of government	114	179-180
7-8	Monarchy	208	109-112
7-8	The Monroe Doctrine	208	136-137
8	Establishing a government for the new nation 1783-1789	246	22-24
8	Establishing an independent government	129	7
8	Government is the agency of group rule and control	270	35-42
8	How are we as citizens responsible for local government	488	744-747
8	How are we as citizens responsible for national government	488	751-755
8	How are we as citizens responsible for state government	488	747-751
8	How our government grew	504	5-33
8	How our government came into being	129	7
8	How the modern world is governed	504	100-118
8	The national government supreme over the states	205	pni
8	Organizing and governing	456	69
8	Our government and the law	504	34-51
8	Our national government	392	5-22
8	The Red Man and the White Man's government	152	235-236
8	Setting the machinery of government in order	334	pni
8	Slavery and politics	391	381-382
8	Some problems of government	504	74-86

GOVERNMENT: continued

8	The struggle for self-government	152	224-225
8	The struggle for self-government, 1660-1783	302	59-65
8	The struggle over government in the age of Big Business, 1865-1914	152	233-234
8	The struggle over government in the age of Big Business - 1865-1914	246	37-39
8	Struggles over government in age of Big Business, 1865-1914	302	86-89
8	A study of the service of the state and national government	488	1160-1170
8	Supporting the government	391	398
8	Taxes we pay	614	208-213
8	Teamwork in government	504	52-73
8	Unit on taxes	479	52-81
8	What is the basis of government	488	742-744
8	The World War and peace	391	391-392
gni	American Congress	615	57
gni	Governmental functions	400	43-44
gni	Municipal government	615	58
gni	Student participation in government	243	35

GRAINS: * see also Cereals, Farm, Food, Wheat

4	America's grains	381	41
5	Grains (North Central States)	158	59-61
6	Fruits, grains, vegetables, nuts, etc.	461	pni
6	Plant life in ancient Egypt: grains, papyrus, date palms, etc.	447	111-112
6	Wheat and other grains	462	14-20

GRAMMAR: see English

GRAPHS: ? see also Arithmetic, Drawing

1-6	Making graphs	432	9-11
1-7	Diagramming and charting	514	477-478
1-7	Making graphs	514	478-480
4-7	Graphs	486	54
4-7	Making charts	486	55
6	Graphs	439	39-40

GRASSES: see Farming, Wild Flowers

GRASSHOPPERS: see Insects

GRASSLANDS: see Geographical Regions

GRAVITY: see Science

GREAT BRITAIN: † see also British Isles, England

3	Great Britain	131	185-212
6	The British Empire	605	103
6	Great Britain	132	724-746
6	Great Britain	324	16-21
6	United Kingdom, Great Britain, an empire on which the sun never sets	619	26
8	How Great Britain has maintained for many years an important position in world affairs	335	40-42

GREAT LAKES: ? see also Geographical Regions,
Transportation

4	Early history of the Great Lakes	190	79-82
---	----------------------------------	-----	-------

GREAT LAKES: continued

4	The effect of the Great Lakes on Michigan	190	73-78
5	The Great Lakes region and the North Central States today	510	pni

GREAT MEN AND WOMEN: see Heroes

GREECE: † see also Europe, History, Mediterranean, Myths, Records

4	Ancient Athens rebuilt and relived	732	1-19
4	Life in ancient Greece and Rome	251	32-33
4	Life in ancient Greece and Rome	606	170
4-7	Grecian civilization	426	180-183
5	Greece	625	133
5	Greece, the land of fine arts	192	41-50
5	The relation of Greece, Albania, Yugo-Slavia, Italy, Spain, Portugal to other lands	492	5-9
5	The story of life among ancient and modern Greeks	336	99-107
6	Ancient Greece	605	103
6	Athens, a Greek city state	446	156-157
6	Grecian dance	446	157
6	Greece	132	526-558
6	Greece	197	166-171
6	Greece	200	202-211
6	Greece	521	26-31
6	Greece	522	1-6
6	Greece, the land of the glorious past	619	26
6	Greek and Roman life	620	199-205
6	Greek architecture	446	157
6	Greek life	307	30
6	The Greeks	202	pni
6	The Greeks	322	121-129
6	The Greeks	446	155-157
6	The Greeks: goats and sheep	447	102-104
6	Greeks--pioneers of democracy	488	585-586
6	The Greeks, the Enlighteners	339	82
6	The Greeks: the olive trees	447	112-113
6	How the Greeks influenced modern civilization	104	22
6	Modern Greece	619	26
6	Sparta, a Greek city state	446	157
6	Travelogue on Greece	264	367-370
6	What ancient Greece contributed to civilization	510	pni
6	What did the Greeks teach the world	114	130-134
6	What Greece has contributed to the world	629	223-227
6	What heritage the "Glory that was Greece" has given us	152	133-137
6	What heritage the "Glory that was Greece" has given us	606	162
6-8	What America owes to the early peoples, particularly the Greeks	523	100-104
7	Ancient Greece	489	14-18
7	Ancient Greece	619	29
7	Greek civilization	405	9-10
8	Living in Greece and Italy during the centuries	442	40-42

GREEKS: see Greece

GREENHOUSE: * see also Farm, Flowers, Garden

K	A greenhouse	443	28-33
1	The greenhouse	325	32-36
1	A greenhouse	443	123-132
1	Our greenhouse	120	2-5
2	The greenhouse	417	49-51
2	A greenhouse	438	28-29
2	Science implications in a greenhouse unit	440	43-47

GREENLAND: see Cold Countries

GROCERY: * see also Farm, Food, Store, Vegetables

K	A grocery store	443	22-28
K	The grocery store	604	167
K	Grocery store unit	438	5-6
1	Contribution of the arts to the study of the grocery store or market	332	365-367
1	The grocer	550	173-176
1	The grocery store	172	12-15
1	The grocery store	186	195-209
1	The grocery store	207	72-74
1	The grocery store	256	25-29
1	The grocery store	325	36-37
1	A grocery store	330	46-61
1	The grocery store	332	865-868
1	The grocery store	506	47
1	A neighborhood grocery store	417	17-20
1	What does the grocer do for us	603	65
1-3	The grocery store	446	25
1-4	The grocery store	401	21-23
1-6	The grocery store and shopping	167	20
2	Community helpers: the groceryman (a sample unit)	203	1-5
2	Grocery	104	14
2	The grocery store	174	9-14
2	Grocery store	310	58-66
2	Grocery store	330	425
2	The grocery store	404	149-154
			175-176
2	The grocery store	438	26-28
2	Grocery store	512	g28-g34
2	A grocery store	518	571-573
			653-656
2	The market - grocery department	138	4-23
2	Our grocery store	408	26-27
3	The grocery store	416	15-17

GROOMING: see Manners

GUAM: see United States

GUIANAS: see South America

GUIDANCE: see School

GUNPOWDER: see Wars

HABITATS: see Environment

HAITI: see West Indies

HALLOWE'EN: * see also Holidays, Party

K	How to have a nice Hallowe'en celebration	481	148-157
K-3	Hallowe'en play	628	277-278
1	Finding out about Hallowe'en	430	6
1-2	Hallowe'en	233	36-37
1-8	Hallowe'en and its contribution to the arts	332	409-413
2	Finding out about Hallowe'en	430	91
3	Hallowe'en	435	4
3	What and why is Hallowe'en	603	65
6	Hallowe'en	171	176
gni	Masks	273	109-110

HANDICRAFT: see Handwork

HANDKERCHIEFS: see Clothing

HANDWORK: * see also Art, Clay, Leather, Metal,

	Modeling, Needlework, Posters, Pottery, Puppet, Sewing, Tatting, Weaving, Wood		
K	Building a steamer and going to Japan	604	523-530
K	A construction unit	628	295-299
K	The kindergarten campanile	628	293-295
K	Making scrap books	604	532
1	How do the things we make and grow help us	514	42-43
1	Making a mat for rest period at school	207	133
1	Pasting	207	97-98
1	Making paper furniture	207	105
1-3	Making a block box	604	483-484
1-3	Making animals of wood	604	486-487
1-6	Glass	775	1-8
1-6	Making scrapbooks	167	4
1-7	Carving soap	514	340-341
1-7	Making decorative maps and wall hangings	514	476-477
4	Making block prints	641	150-152
4-6	Art and handwork	272	81
4-6	Glass	122	1-10
6	Craftsmanship through the ages	282	26
6	What things are made of	484	101-116
7	Irish crochet	411	55-57
7-8	Making a collection of materials used in construction and repair	488	1485-1486
7-8	Working with glass	488	1491
7-8	Working with rope	488	1486-1487
7-8	Working with wire	488	1491
gni	Glass	640	264
gni	Making wire	516	32-33
gni	Soap carving	273	102
gni	Technifying (handwork)	626	144-145
gni	Tin can craft	273	100-101
gni	Wood carving	273	108-109
gni	Wood carving	341	99
gni	Woodworking and carpentry	640	264
gni	Making a sewn book	286	1-23

HANDWRITING: see Writing

HARVEST: see Farm, Ranching

HAWAII: † see also Food, Fruit, Islands, Possessions
United States

3	Hawaii	620	158-164
4	Life in semi-tropical sands (Hawaii)	233	1-9
4	A trip to beautiful Hawaii	721	1-12
5	Hawaii	260	76-77
6	Hawaii	413	42-46
7	Hawaii	289	213-224
gni	Our neighbors of the Pacific: Hawaii	605	113-130

HEALTH: * see also Air, Body, Cleanliness, Exercise,
First Aid, Food, Hospital, Medicine, Mental
Hygiene, Milk, Nurse, Recreation

K	A health unit	308	6
K-3	Ways of keeping well and strong and safe	272	42-43
1	Community health	198	26
1	Hand-washing demonstration	207	133
1	Health	130	2
1	Health	133	55-86
1	Health	337	34-40
1	Health	506	47
1	Health and cleanliness	506	47
1	Health and safety	443	81-88
1	Health education in the elementary school	485	27-32
1	Health habits	332	127-128
1	Health in the home	135	54-68
1	Health in the home	315	20-34
1	Health practices	488	1214-1218
1	Health, safety, fire prevention, thrift	223	73-77
1	How do we protect and maintain life and health in our home and school	514	37-42
1	How to care for yourself	319	38
1	How we maintain our health	498	171-172
1	How we work together to maintain health, safety, and property	108	47-53
1	How to grow strong and healthy	319	38
1	Making health reading books	207	133
1	Mother Goose Health Land	506	47
1	Unit on health	637	60-65
1-2	How to keep well	319	38-39
1-2	Practicing health habits in home and at school	212	18-25
1-3	Practicing health habits	329	91-96
1-3	Practicing health habits in home and in school	116	76-80
1-3	Some art aspects of health	118	53-58
1-6	Breathing	610	95-96
1-6	Crying	610	117-119
1-6	Eliminating wastes	610	165-166
1-6	Feeling	610	167-171
1-6	Fidgeting	610	171-172
1-6	Fighting	610	172-173
1-6	Growing	610	177-182
1-6	Health	640	282
1-6	Health and surroundings (Natural Science unit)	643	96
1-6	Health in the home and the community	117	183-186

HEALTH: continued

1-6	Laughing	610	188-189
1-6	Maintaining physical, mental, and emotional health	238	38-43
1-6	An original health play	600	291-300
1-6	Resting	610	206-209
1-6	Sleeping	610	215-224
1-6	Walking	610	243-245
1-7	Rural health	793	22-31
1-7	Visiting the toilet regularly	514	430
1-8	Health, physical education, and safety in the elementary grades	495	108-117
1-8	An outline on health	262	44-49
2	Doctor (health)	104	14
2	Good health habits	518	544-546
2	Health	129	2
2	Health	130	4
2	Health	137	43-75
2	Health and safety	225	77-81
2	Health and safety for boys and girls	505	247-253
2	Health education in the elementary school	485	33-36
2	Health land	380	27
2	Health unit	308	22-23
2	Health unit	506	47
2	How various agencies serve the community in providing health and safety	108	119-126
2	How we protect and maintain health in our neighborhood	498	179-180
2	Keeping happy	319	39
2	Mental health	198	40-41
2	Playground and health	308	21-22
2	Safety and health	337	59-62
2	Taking care of the body	319	14
2	The trip to Good Health Land	506	12-16
2	Weather and health	265	105-109
2-3	Health and safety in the home	524	43-51
3	Cleanliness and health	506	47
3	Developing health habits	337	96-99
3	Farm health unit	518	573-575
3	Health	129	3
3	Health	130	5
3	Health	308	25
3	Health	380	34-35
3	Health	486	10
3	Health club	172	39-42
3	Health education in the elementary school	485	36-39
3	Health practices	339	48
3	Health shop	380	31-35
3	How the city provides for our health, safety, protection and recreation	108	193-199
3	How the community provides for safety and health	498	188-189
3	How we keep well	234	1-3
3	Keeping well	332	152-154
3	Workers who protect our health	129	3
3-4	Keeping happy	319	40
3-4	Keeping sickness away	319	40

HEALTH: continued

3-4	Maintaining personal and community health	213	2-9
3-4	A unit on health	506	28-31
3-5	Building a strong body	319	15-17
3-5	Caring for our bodies	319	15-17
3-5	Keeping clean body	319	15-17
4	Health	129	4
4	Health	506	48
4	Health education in the elementary school	485	40-44
4	Health examinations	237	91-92
4	Healthy living	121	80-82
4	How health and life are protected in differing communities	498	196-197
4	How to keep well in varying climates	234	1-3
4	Making a health magazine	265	119-123
4	Our health unit	308	31-32
4	Protection of the health of the community and pure water supply	227	71-76
4	State agencies, University of California state schools for the blind and deaf health and safety provisions	386	37-38
4-6	Care of younger children	272	79
4-6	Securing and maintaining facilities for making healthful home and school conditions	116	136-137
4-6	What the community does for our safety and health	244	289-291
4-8	Sewer system	603	92
5	The Crusader for Health Club	518	578-581
5	Does our community protect our health	506	48
5	Good food and good health	603	70
5	Health education in the elementary school	485	44-47
5	Health habits	198	57
5	Health habits	488	1271-1283
5	How climate affects health	176	164
5	How various agencies aid the individual in the protection and maintenance of health	498	203-204
5	Learning to care for one's self	129	4
5	Protection of life and health	387	44-46
5	Wise spending in health and dollars	439	26-27
6	Activity unit on immunization and health protection	518	581-585
6	Health and immunization	121	104-105
6	Health and its relationship to food	462	30-34
6	Health education in the elementary school	485	47-50
6	Health instruction through civic activities	265	150-155
6	Health unit	506	48
6	Learning to care for one's self	129	5
6	Some health rules and the reasons for keeping them	198	72-78
7	Circulation and respiration	332	217-219
7	Community health	113	156-163
7	Health education in the elementary school	485	50-54
7	Home and personal hygiene	412	77-79
7	Home care of the sick and injured	176	124
7	The relation of posture to man's health	276	52-55
8	Guarding the people's health	391	393-394

HEALTH: continued

8	Health	606	160
gni	Community health	616	95-117
gni	Feelings	644	58-67
gni	Growing	626	140-141
gni	Health activities and physical exercise	633	40-42
gni	A health project	628	406-407
gni	Health unit	273	42-43
gni	Home hygiene	273	95
gni	How to create more desirable health conditions in our community	210	60-76

HEAT: * see also Fire, Fuel, Gas, Oil, Sun

1-3	The sun (heat and light)	447	21
1-3	Using a thermometer	621	100
1-4	Heat and how it affects our lives	382	10-13
2	The story of heat	440	37-42
3	Heat	325	106-107
3	Reading thermometer	642	310
5	Heat	483	101-107
7	How heat changes substances	406	17-18
7	How heat is used and controlled	176	176
8	Heat and how we use it	332	234-235

HEAVENLY BODIES: * see also Moon, Stars, Sun

1-3	Sun, moon, and stars	621	100
3	Heavenly bodies and how they influence our lives	488	1245-1246
3	Relation of sun and moon	640	252
4	Astronomy	724	1-15
4	Heavenly bodies	488	1261-1262
4	Sun, moon, and stars	605	101
5-6	A trip to an observatory	630	471
6	Astronomy unit	484	45-68
6	Wonders revealed by the telescope	129	5
7	The heavens	606	160
7-8	How do heavenly bodies affect our environment	394	1-16
8	Making a planetarium	603	70

HEBREWS: see Palestine**HELPERS:** * see also Work and Workers

1	Helpers	505	186-191
1	Helpers outside the home	512	f11-f17
1	School helpers	325	30-32
1-6	Helping in the kitchen	463	31
1-6	Helping Mother on Saturday	463	41
2	Helpers in the community	199	52-55
2	Little helpers	505	255-256
3	Some of our country's helpers	506	48

HERDING: see Farm**HEROES:** * see also Discovery, Exploration, Invention, Science

4	Modern heroes	332	644-648
4-5	Heroes and heroines of service	524	115-117
4-6	Contributions of great men and women	272	77-78
5	Famous women	600	317-318

HEROES: continued

5	Great men	605	102
5	Heroes and heroines of peace	200	184-190
5	Men and women who have helped our nation	488	573-575
7	My heroes	614	26-29
gni	Adventure and heroism	176	36-37
gni	People of note	635	177

HIGHWAYS: * see also Roads, Transportation

3	Motor travel and highways	510	pni
4	California highways	605	101
4	El Camino Real	620	181-187
5	Airways, highways, waterways, railways, radio and mail as connecting ties	387	12-14
5	Highways and byways of the West	264	360-361
6	Happiness Highway	506	48
7	How can we cooperate to make our highways and streets safe	497	112-120
gni	Protecting life on Kansas highways	263	44-58

HISTORY: † see also America, Civilizations, Colonial Life, Crusades, Discovery, Exploration, Feudalism, Frontier, Gold Rush, Government, Heroes, Middle Ages, Pioneer, Prehistoric Times, Primitive Life, Records, Renaissance, Revolution, Vikings, Westward Movement, also under countries, as United States

1-6	History problems	167	43
3	Local history	327	97-105
4	History of the world from its creation	790	1-10
4	Local geographic and elementary Northwest history	467	49-53
4-5	Frontier days in early colonies	524	95-99
4-7	Memorials, tablets and people famous in history	426	92-93
4-8	Local history	603	93
5	Looking backward	195	51
5	Man before history	192	11-22
6	Ancestral history of a class	719	1-7
6	Contributions of our ancestors	282	25-26
6	The dawn of modern times	510	pni
6	History in the sixth grade	495	71
6	History of East Lake	119	3-5
6	Some progressive peoples of the ancient world	288	582-585
7	History in the seventh grade	495	72-73
8	The age of the conquistadors	427	9-12
8	Changes and conflicts in Jackson's time	391	377-378
8	History in the eighth grade	495	73-75
8	Reconstruction	391	383-384
8	Reconstruction and industrial development	488	624-626
gni	Webster-Hayne controversy	615	71

HOBBIES: * see also Amusements, Clay, Handwork, Modeling, Puppet, Recreation

1-6	Developing hobbies	432	S18-S20
1-7	Collecting and preserving specimens	514	448-450
1-7	Developing hobbies	514	488-498

HOBBIES: continued

4-6	Developing hobbies	116	185-191
4-6	Hobbies	180	37
4-7	Collecting stamps	486	58
5	How to make collections of flowers, butter- flies, leaves, etc.	129	4
gni	Hobby and pet exhibits	623	421-422
gni	How hobbies may contribute to leisure	210	108-120
gni	Reading directly related to hobbies	341	76

HOLIDAYS: * see also Birthdays, Christmas, Columbus Day, Easter, Festivals, Hallowe'en, Mother's Day, Special Days, Thanksgiving, Valentine's Day, Washington

K	Holidays	129	1
K	Holidays and festivals	339	24
K-1	Holidays: Hallowe'en, Thanksgiving, Christ- mas, Parties, Valentine's Day, Easter	104	13
K-2	Birthdays and holidays	186	70-80
K-3	Special days, holidays, festival	272	38
1	Holidays	130	2
1	Holidays	619	24
1	New Year activities	430	6
1	Observation of special days and holidays	486	4-5
1	Special holidays	510	pni
1-2	Bird and Arbor Day	231	41-43
1-3	Labor Day	634	101
1-3	Toys, holidays, and special occasions	118	49-53
1-6	Holiday observance	446	166
2	Decoration Day activities	430	92
2	Holidays	304	83-88
2	Holidays and special events	129	2
2	New Year activities	430	91
2	Observance of holidays	339	39
2	Special days and holidays	406	83-94
3	Admission Day	131	162-165
3	Admission Day	435	2
3	Appropriate holidays	605	100
3	Armistice Day	131	168-169
3	Armistice Day	435	2
3	Armistice Day	608	243-246
3	Columbus Day	608	234-236
3	Holidays	129	3
3	Holidays	130	5
3	Holidays	305	112-119
3	Holidays	337	118-123
3	Holidays and special days	131	161-179
			255-269
3	Holidays and special occasions	339	48
3	Labor Day	131	162-163
3	Labor Day	435	2
3	Memorial Day	435	4
3	Some suggestions for our holidays and special days	431	2-9
4	Anniversaries and holidays	169	119-123
4	Appropriate holidays	605	101
4	Arbor Day	600	310-311

HOLIDAYS: continued

4	Holidays and festivals in other lands	330	186-195
4	Holidays and festivals in other lands	331	142-148
4	Holidays and special events	129	4
4-7	Special days and holidays	426	85
			108-109
			137
			152-155
			184
			197-199
5	Anniversaries and holidays	170	141-147
5	Holidays	129	4
6	Anniversaries and holidays	171	175-181
	Indian Day, Christmas, Flag Day		
6	Armistice Day	171	176
6	Memorial Day	171	178
6	Mother's Day	600	312-314
gni	Holidays	237	95-96
gni	Our holidays	176	34-35
HOLLAND: † see also Europe, Netherlands			
1	Holland	800	41-45
1-3	Holland	384	38-42
2	Holland	624	84-88
2	Visiting Holland	630	309
2	Children of Holland	337	135-139
3	Christmas pageant based on Christmas in Holland	624	96-98
3	The Dutch home	305	105-106
3	Dutch life	327	68-74
3	Holland	182	66
			84-93
3	Holland	242	83-98
3	Holland	333	15-23
3	Holland	404	297-303
			306-307
			309
			313-317
3	Holland	506	47
3	Holland	605	100
3	Holland - Lowland Country	262	100-105
3	Holland and the Dutch people	305	61-74
3	Holland and its people	744	1-45
3	Hollanders	619	25
3	How people live in the lowlands of Holland	233	1-5
3	Life in Holland	613	146-149
3	Life in temperate regions - Holland, Japan	104	16
3	Living in Holland	629	140-144
3	Living in Holland would be interesting	603	68
4	Dutch unit	307	30
4	Holland	157	43-45
4	Holland	200	110-119
4	Holland	312	44-54
4	Holland	330	429-430
4	Holland - a lowland	446	112-113
4	How does life in the delta lands (Holland)		
.	differ from that in the Panhandle	110	36-39

HOLLAND: continued

4	How does life in the delta lands (Holland) differ from that in the Panhandle	111	43-47
4	How men have learned to adapt their mode of living to meet the conditions imposed by environment - Holland and Switzerland	227	24-33
4	How people live in a lowland country - Holland	326	84-90
4	Life in a low temperate country - Holland	179	58-62
4	How people live in Holland	330	195-200
4	How people live in Holland	331	152-157
4	Living in a temperate lowland - Holland	251	18-21
4	Living in lowlands - Holland	488	943-947
4	Living in temperate lowland - Holland	606	170
4	Low temperate region - the home of the Dutch	260	36-37
4	Our journey to Holland	197	80-84
4	Our journey to Holland	488	650-651
4	A study of life in Holland - a study of life in Switzerland	217	92-145
4	The use of the fine arts in preparing and giving a school program - "A Day in Holland"	332	421-426
4-5	Life in lowland countries: Holland, Norway (sic)	523	70-74
5	How people lived in the Dutch settlements	170	75-79
6	Holland, Belgium, and Denmark	132	796-814
6	The thrifty "Low Countries" - Holland and Belgium	606	162

HOME: see Home Life

HOME LIFE: * see also Buildings, Cities, Colonial Life, Community, Farm Life, House, Pilgrims, Pioneer Life, Shelter

K	An experience in home-making	236	61-62
K	Home	120	38-39
K	The home	325	14-16
K	The home	339	24
K	The home	380	10
K	The home	443	15-21
K	Home	625	135
K	Home interests	250	4
K	Home life	129	1
K	Our school - home	120	48-51
K-1	Home	104	13
K-1	Home, school, and neighborhood life	520	101
K-1	Home unit	307	28
K-3	Home and school interests	425	18-21
			45
			55-56
			97
K-3	Home life	620	35
K-3	Homes of people far away	425	34-37
			49-50
			70-74
			109-113
1	The child's immediate environment	467	25-28
1	City home	130	2

HOME LIFE: continued

1	The contribution of the arts to the study of home life and family	332	355-361
1	Daily life at home and at school	223	78-82
1	Everyday home life	135	2-53
1	Experiences in the home	237	89
1	Family life within the home (city)	130	6
1	The home	115	59-62
1	The home	129	1
1	The home	173	39-67
1	The home	196	13-15
1	The home	199	27-32
1	The home	242	35-45
1	The home	262	23-33
1	The home	291	1-32
1	The home	303	14-42
1	The home	309	8-15
1	The home	327	5-11
1	The home	330	422
1	The home	402	12-15
1	Home	414	4-11
1	The home	416	5-6
1	The home	417	1-4
1	The home	438	9-11
1	The home	443	70-77
1	The home	488	1364-1373
1	The home	510	pn1
1	The home	512	2-10
1	Home	518	647-648
1	The home	625	134
1	Home and closely related community life	520	101-102
1	Home and school life	125	1-20
1	Home and school life	514	33-59
1	Home and school life	573	40
1	Home life	339	30
1	Home stories	636	201-234
1	The home unit	173	59-67
1	The home unit	256	4-12
			15-18
1	Homes	184	73-76
1	Homes	340	28-30
1	Homes (city)	130	6
1	Homes (farm)	130	6
1	How we make home and school more beautiful	108	73-80
1	How we make the home and the school more beautiful	498	173-174
1	How we work and play in the home	108	30-37
1	Life in the home and school	494	25-27
1	Living and growing happily together in our homes	120	31-34
1	Living at home and school	306	50
1	Making a home	331	72-75
1	Our home	243	42-48
1	Our home	320	30-38
1	Our homes	505	142-147
1	Social relationships: home and family life, school	444	13

HOME LIFE: continued

1	A study of home and school life	486	2-4
1	The study of homes	625	52-56
1	Unit of work on home and school life	404	55-83
1	Unit on the home	615	252
1-2	Home life	509	27-30
1-3	The home	152	12-22
1-3	The home	446	23
			31-41
1-3	The home	606	161
1-3	Home life	117	134-137
1-3	Homes and other shelters	118	18-22
1-3	Our home	640	175
2	Daily life at home and at school	225	106-110
2	Family within the home	130	7
2	Homes	130	4
2	Homes (city)	130	7
2	Homes (country)	130	7
2	Living and growing at home	120	40-43
2	Our home	506	47
2	Social relationships: farm, school neighbor- hood	444	14
2-3	The building, furnishing, and care of the home	524	30-34
2-3	Good times in the home	524	35-42
2-3	Home and community life of early Americans	523	31-34
2-3	The work of the home	524	26-30
3	The cave home	305	97-99
3	The colonial home	305	102-103
3	The Dutch home	305	105-106
3	The home	506	48
3	The home and school community	190	57-63
3	Home life (Switzerland)	143	4-16
3	Homes	340	138-147
3	Homes	605	100
3	Homes	781	13-19
3	Homes in other lands	282	10-12
3	The homes of Sacramento	431	37-43
3	Homes of Sacramento	435	46-53
3	How we build, heat, and light our homes	175	12-13
3	The Japanese home	305	107-108
3	Living and growing in the home	120	44-47
3	The log home	305	102
3	The modern home	305	104-105
3	Other suggested homes to be studied	305	109
3	Southwest Indian home	305	109
3	Study of homes	305	96-109
3	The wigwam home	305	100-102
3-4	Home life today	509	118-126
3-4	Homes	604	276-286
4	The evolution of the home	381	40
4	Home sites and homes	446	101
4	Homes in many climates	613	238
			240
			243
4-6	The home	391	298-302
4-6	Homes and public buildings	118	62-64

HOME LIFE: continued

4-6	Our home	180	13-15
5	Building our homes	445	127-158
5	Homes are built in new lands	402	115-127
5	Living and growing in the home	121	86-88
5	Luxuries and conveniences in the home	121	84-86
6	Changed ways of home building	388	34-37
6	The home beautiful	121	44-51
6	Interior decoration: school and home	121	74-77
6	Our housing resources and raw materials for manufacturing and how we utilize them	434	45-55
7	American home life in colonial days	332	506-510
7	America's homeseekers	332	500-506
7	Enjoying and caring for the home	442	17-20
7	Home economics	703	1-32
7	Home living	101	1-15
7	Provision for cooperative living in home, school, and community	494	30
7-8	Care and furnishing a girl's bedroom	488	1472-1474
7-8	Contributing to desirable home life	329	130-141
7-8	Homemaking	420	1-8
8	American home life in the 1800's	332	546-553
8	The American standard of living changes as business and industry progress	112	88-93
8	Buying a lot and building a home	642	312
8	Fundamental institutions - home, school, and church	113	243-250
8	Home management and relations	176	125
8	Home planning and decoration	488	1434-1443
8	Hospitality in the home	278	170-178
8	Problems of home and family	278	122-131
8	Relationship of the home to the community	278	178-183
gni	Experiences at home	237	94
gni	Home activities	633	42
gni	Home hygiene	273	95
gni	Home life	400	30-33
gni	Home life	618	64
gni	Homemaking	626	141-142
gni	Home unit	273	37-38

HOSPITAL: * see also Health, Medicine, Nurse

K	The hospital	637	69-75
1-2	Using medical and hospital facilities	212	31-36
1-3	Using medical and hospital facilities	116	80-81
1-6	Hospitals	640	282
1-6	Illness and hospitalization	167	37
7	A visit to a hospital	181	pni

HOUSE: * see also Building, Home, Playhouse, Shelter

K	The house unit	308	1-2
K	The purpose of the rooms of a house and their furnishing	481	6-24
K-3	Decorating and furnishing a house	628	270-271
1	Building a house	613	123-127
1	The house	172	7-12
1	The house	315	9-19
1	Making a house booklet	430	3-4
1	Making a room or two of a house	430	3

HOUSE: continued

1	Our houses	120	35-38
1	A Raggedy Ann house	604	60-69
			210
2	How our houses shelter us	603	65
2	The kitchen	120	51-53
2	Making a house booklet	430	89
2	Making a room or two of a house	430	88
2-3	A kitchen experience	181	pni
3	The African grass house	305	109
3	Fire houses	325	117
3	House pioneer and present	325	92-95
3	The story of houses	418	50-58
4	Houses	104	19
4	The houses we live in	131	449-464
4	How our houses are made, heated, lighted, and furnished	169	46-51
4-7	Building houses	486	54
4-7	Making houses	486	54
5	Living in a primitive log cabin	603	70
5	Our housing needs and how we have learned to care for them	218	124-146
5	Our housing needs and how we have learned to care for them	228	50-57
8	The expense of remodeling an old house	642	312
gni	How to improve housing conditions in Florida	210	166-200
gni	Improving housing conditions	263	203-251

HOUSEKEEPING: * see also Budget, Food, Fuel, Heat,
Home, House, Light, Sewing

K-3	Housekeeping	628	271-273
1-6	Expenses incurred in running a house	167	36
1-7	Practicing good housekeeping	514	361
4-6	Good housekeeping practices	272	79
7-8	Helping Mother with the housekeeping	488	1476-1478
8	Helping with the housekeeping	278	136-154
8	Household mechanics	176	142-149
gni	Domestic science	273	93-94

HUMAN BODY: see Body

HUNTING: see Animals, Food, Recreation, Sports

HYGIENE: see Health

IBERIAN PENINSULA: see Europe, Spain

ICE: see Water

ILLUMINATION: * see also Lighting

5	How science has aided man in overcoming darkness - a study in illumination	488	1006-1012
5	Illumination	262	244-248
8	Illumination	488	1341-1343
gni	Illumination	378	11-49

ILLUSTRATING: ? see also Art, Drawing

1	Illustrating a song	430	8
1	Illustrating stories by drawings and cuttings	430	4
1-4	Illustrating charts and stories	341	35-38

ILLUSTRATING: continued

1-7	Making illustrations	514	337-338
2	Illustrating a song	430	92-93
2	Illustrating stories by drawings and cuttings	430	89
4-6	Art and handwork. Illustrating pertinent stories and poems	272	81

IMMIGRATION: * see also Citizenship, Travel

4-6	Migration	621	100
6	America - a country of immigrants	262	308-318
6	America, a country of immigrants	488	1052-1056
6	In what ways does the native environment of immigrants influence them to settle in certain sections of the United States	110	89-92
6	In what way does the native environment of immigrants influence them to settle in certain sections of the United States	111	99-103
6-8	Immigration and its problems	525	64-75
7	America - a land of immigrants	220	28-43
7	Americanizing our immigrants	502	42-64
7	Causes of immigration	502	16-22
7	Immigrants to our school and community	502	8-15
7	Trends in immigration	502	23-41
7-8	Immigration	415	1-56

INCAS: see South America

INDIA: † see also Asia, Orient

4-7	India and Ceylon	426	207-208
5	A brief story of life in India, past and present	336	145-149
5	India and southwestern Asia	190	182-187
5	India, land of mystery and charm	381	47
6	India	131	621-633
6	India	171	138-141
6	India	606	408
6	What the Orient (China, Japan, and India) has contributed to the Occident	606	162

INDIANA: see States

INDIANS: ? see also Arizona, Frontier, Myths,

	Pioneer Life		
K	Indian	242	25-33
K	Indian	515	102
K-1	Indian unit	104	13
1	Indian unit	506	47
1-3	Children's social activities and Indian life	643	53-60
			89
			98
1-3	The Fox Tribe	403	14-15
1-3	Indian life	446	79-90
1-3	Indians	446	27
1-3	Indians	640	175
1-3	Indians of the Southwest Pueblos	400	78
1-3	Indians or primitive peoples	604	270-275
1-3	The Menominee Tribe	403	15-17
1-3	Plains Indians	400	76-77
1-3	The Red Man	403	4-8

INDIANS: continued

1-3	The Winnebago Tribe of Indians	403	9-14
1-6	Making a study of the principles employed in a local industry	609	444
1-8	Indian life	401	19-21
2	American Indians	619	25
2	American Indian	787	13-28
2	Development of social life; discoveries and inventions of industry	622	316
2	Early community life; the Michigan Indian	203	1-10
2	Early community life: the Southwest Indian	203	1-11
2	How the Indians lived in Ohio	603	65
2	Indian life	274	59-61
2	Indian life	327	28-35
2	Indian life	380	27
2	Indian life	624	88-91
2	Indian unit	307	29
2	Indians	304	15-25
2	The Indians of western Washington before the White People came	467	37-40
2	Life of the Plains Indians	748	1-46
2	Living among the Indians	629	98-102
2	The North American Indian	250	24-25
2	The Plains Indian	759	1-34
2-3	Indian life and the march westward - Indian life today	523	19-24
2-3	Indians of long ago	523	25-30
3	American Indians	631	138-139
3	California Indians	619	25
3	Contribution of the arts to the study of the Indian and his customs	332	396-401
3	Description of Indian unit	175	34-38
3	Elementary science as related to the study of Indian life	325	81
3	Hopi Indians	404	242-251 261-263 265-267 269-272
3	The Hopi Indians	733	1-9
3	How the Indians adapted themselves to the environment in which they lived	487	305-355
3	How the Indians adapted themselves to the environment in which they lived	488	907-913
3	How the Indians of the Southwest live	233	1-3
3	How the North American Indian moved about to find a better mode of living	226	7-16
3	Indian children in various parts of America Incas, Aztecs, Pueblos, Plains	339	47
3	Indian life	130	5
3	Indian life	152	150-151
3	Indian life	166	pni
3	Indian life	196	30-35
3	Indian life	237	103
3	Indian life	325	65-70
3	Indian life	506	47
3	Indian life	607	153-154
3	Indian life	613	143-146

INDIANS: continued

3	Indian life	620	153-158
3	Indian life	625	61
3	Indian life in many tribes	733	10-16
3	Indian life (Southwest)	330	426-427
3	Indian project	615	253-254
3	An Indian pudding sale	334	pni
3	The Indians	177	pni
3	Indians	182	70-73
3	Indians	199	76-85
3	Indians	418	31-38
3	Indians	512	h2-h15
3	Indians and pilgrims	182	76-79
3	Indians of California	605	100
3	Indians of Florida	717	1-20
3	Indians of Iowa (and other Indians of our country) now and in earlier days	187	31-77
3	Indians of the Plains	332	881-885
3	Indians of today	608	237-242
3	Life of an Indian village	618	214-215
3	Navajo Indian report	325	80
3	New Jersey Lenni-Lenape Indians	787	1-13
3	The North American Indian	216	28-51
3	Plains Indians	140	1-29
3	Prairie Indians	605	100
3	Primitive life - Indians	299	1-34
3	Pueblo Indians	140	30-52
3	Pueblo Indians	155	1-108
3	Pueblo Indians	261	11-13
3	Pueblo Indians	605	100
3	Pueblo Indians	619	29
3	Sioux headdress	325	118
3	Southwest Indian home	305	109
3	The Southwest Indians	305	14-22
3	A study of Indian life	262	83-90
3	A study of Indian life	604	266-269
3	A study of Indian shelter	325	71-75
3	Third grade unit on Indian life	274	26-28
3	Third grade unit on Indian life	275	51-53
3	A visit to an Indian craft shop	325	77-79
3	The wigwam home	305	100-102
3	Zuni Indian life	323	22-24
3-4	Indian life	449	1-90
4	The American Indians	157	25-27
4	The Aztecs	641	60
4	California Indians	146	3-43
4	California Indians	624	122-126
4	The fur trapper Indians	157	29-30
4	How the eastern woodland Indians lived	169	3-10
4	How the Indians fared on the last frontier	169	81-86
4	The Indian period	284	pni
4	The Indians in California	386	50-52
4	Indians of California	641	60
4	Indians of the Southwest	727	1-11
4	Indians - the people white men found living in California	152	45-50

INDIANS: continued

4	Indians - the people the white men found living in California	606	161
4	A unit on North American Indians	506	48
4	What the Indians of the Southwest accomplished	169	62-68
4	Why are not all Indians in Arizona nomads	114	20-21
4	Why the Navajo Indians are nomads	114	19-20
4-5	The Indian defends his hunting grounds	524	123-124
4-7	The Indians of New York state	426	105-106
4-7	The inhabitants of the Genesee River Valley before the white men - the Seneca Indians	426	85-87
5	An Indian play	618	297
5	Indian pottery and clay	119	31-33
5	Indians and what they have contributed to civilization, North American	282	23
5	Indians of North America	486	66-96
5	Ways of living with the Indians	179	93-97
6	American Indians	603	62
6	How the American Indian lived in 1492	336	183-187
6	Indian day	346	175
6	Indian life before 1800	603	66
6	The wandering tribes	399	pni
6	When Indians lived in Ohio	603	70
8	The relation between the Indian and the government	302	90-93
8	Some American Indian types	603	70
8	The struggle for the Red Man's continent	302	14-18
gni	The early man of the Southwest; Navajo weavers	398	pni
gni	A group of children learns about Indians	507	29-30
gni	Indian life	273	49-50
gni	Indian unit	605	437
gni	Indians	618	100-101
gni	Indians of the Southwest; key words	398	pni
gni	Indians of the Southwest; kivas or ceremonial rooms	398	pni
gni	Indians of the Southwest; skeletons and mummies	398	pni
gni	The Indians of the United States	426	134-137
gni	To find out what kind of life the Indians had	634	166-168
gni	A visit to a collection of Indian relics	181	pni
INDUSTRIAL REVOLUTION: * see also Industry, Invention, Machine, Manufacturing, Science			
7	Background for an understanding of the industrial revolution in England	245	12
7	Changes brought about by the industrial revolution	405	23-25
7	The industrial revolution	152	177-178
7	The industrial revolution	245	8-9
7	The industrial revolution	301	14-18
7	The industrial revolution with special emphasis on industrialization in the United States	252	22

INDUSTRIAL REVOLUTION: continued

7	The industrialization of the United States	220	63-80
8	Becoming an industrial nation	442	58-61
8	How the industrial revolution changed the life of the worker	152	219-220
8	How the rapid growth of industry and commerce has affected us	396	24
8	How the rapid growth of industry and commerce has affected us	398	pni
8	The industrial revolution in America	152	214-216
8	The industrial revolution in America	302	30-34
8	The industrial revolution	391	386-387
8	The industrial revolution and the worker	302	45-48
8	World industrialization and interdependence	306	57
			64-68

INDUSTRY: * see also Agriculture, Airplane, Automobiles, Business, Cities, Coal, Commerce, Dairy, Dyes, Factory, Fishing, Fruit, Industrial Revolution, Inventions, Lumbering, Machines, Manufacturing, Mining, Motion Pictures, Occupations, Pottery, Printing, Radio, Ranching, Ships, Textiles, Tools, Weaving

2-3	Occupational and industrial life of early Americans	523	35-37
3	Industrial life	305	25-57
4	How waterways affect the industries of our nation	381	41
4	Industries	619	25
4	Industries and products	190	87-91
4	Leading industries and valuable natural resources	386	41-44
4-6	Our modern industrial life	272	63-69
4-6	Providing emergency measures for unemployment	116	141-142
4-7	Industries of Rochester and vicinity	426	89-91
5	Industrial development in the county	619	29
5	Life in the eastern section - the factory worker, the steel worker, the coal miner	387	25-25a
6	Development of industry and transportation	177	pni
6	The story of industry through the ages	314	48-59
6-8	Industrial development in America	525	42-53
7	The industrial revolution and the development of machinery in the United States	488	1079-1087
7	Industrialization and world interdependence	252	23
7	Rise of industrialism in Europe	262	348-353
7	The rise of industry and the development of machinery in the United States	262	354-363
7	Some industries of the United States	603	70
7-8	Industrial relations	208	156
8	The cost of strikes	642	312
8	Industrial growth 1789-1860	246	18-21
gni	Agriculture and industry	616	118-182
gni	Brushes	516	47
gni	A developing industry as curricular material	622	330-335
gni	How to improve relations between capital and labor	210	208-221

INDUSTRY: continued

gni Introduction to industry in primitive history	622	326-330
gni Producing (service)	626	142-143

INSECTS: * see also Animals, Butterflies, Nature Study

1 Caterpillars	308	10
1 The cricket	340	10-11
1 The grasshopper	482	4-8
1 The study of insects and reptiles that we know	482	4-16
1-3 Birds and insects in illustration	118	47-49
1-3 The community (the dragon fly)	447	15-16
1-3 The community or the garden (caterpillars, moths, and butterflies)	447	12-13
1-3 The community or the garden (grasshoppers)	447	13
1-3 Insects, frogs, fishes, snakes, etc. (autumn, winter, spring)	117	167-168
1-4 Plants, animals, birds, and insects - how helpful or harmful	382	48-53
1-6 Arranging an insect orchestra	609	143-145
1-6 Collecting insect pupae	609	210-212
1-6 Investigating ant and honeybee colonies	609	400-403
1-6 Preparing an exhibit showing damage and benefits from insects	609	146-150
1-6 Rearing insect larvae	609	139-142
1-6 Running an insect hatchery	609	396-399
2 Animals and insects	505	281-285
2 Bees	777	15-23
2 Bird and insect life	225	45-51
2 How insects grow	240	112-113
2 Insect study	340	57-58
3 Ants	235	1-2
3 Ants	506	47
4 Bees	640	252
4 Bees and butterflies	605	101
4 Birds and insects	121	94-97
4 Finding out about bees	630	311-312
4 Garden friends and foes - ants	447	31-33
4 Garden friends and foes - the bumble bee	447	26-27
4 Garden friends and foes - the earthworm	447	27-28
4 Insects	168	13-22
4 The life cycle in birds, fish, and insects	227	77-84
4 Life history of moths and butterflies	235	1-6
4 Nature study - bird life and insects	226	185-201
4 The relation of insects to man's health and success and to their own environment	109	22-27
4-6 Insects, frogs, fishes, snakes, etc. (autumn, winter, spring)	117	167-169
4-7 Ant houses	486	57
4-7 Bee hive	486	56
5 Ants	605	102
5 Flies	234	1-2
5 Harmful and useful insects	235	1-14
5 Insects	168	51-61
5 Insects	483	13-33
5 Life histories of insects	343	pni

INSECTS: continued

5	Life histories of insects	365	1-9
5	The mosquito	289	204-209
5	Our common insects	282	23
5	Shelter: the fly	447	69-70
5	Shelter: the mosquito	447	67-69
6	Flies	605	103
6	Insects	168	89-98
6	Sharing the earth with insects	629	243-246
7	Insects as related to plant, animal, and human life	276	15 22-23 25-27
8	Beneficial and harmful insects	332	238-240
gni	Better plants and caterpillars	516	16-17

INSURANCE: * see also Banks, Business, Commerce, Investment

8	Learning the value of insurance	103	184-196
8	Unit on insurance	479	82-97
8	Why and how we insure our lives and property	288	193-197

INTERDEPENDENCE: ? see also Citizenship, Commerce, Community, Home Life, International Relations

1-6	Tracing our relations with the rest of the world	609	256-257
4	How the rest of the world helps furnish our needs	488	918-932
5	Interdependence is basic to the advancement of all people	267	89-90
6	International relations	114	59
7	Interdependence in the modern world	301	40-42
7-8	How we have become internationalized	208	157-158
8	How nations became interdependent through the exchange of commodities	488	1109-1113

INTERNATIONAL RELATIONS: see Interdependence

INVENTION: * see also Industry, Machines, Manufacturing, also, names of inventions, as Radio

5	Effects of inventions and discoveries upon living	514	169-209
5	Effect of inventing in our mode of living	197	136-140
5	The effect of inventions on our mode of living	488	567-570
5	How do inventions and discoveries affect our art, music, and literature	514	195-198
5	How do inventions and discoveries affect the variety and availability of goods	514	179-183
5	How do inventions and discoveries alter our ways of protecting and conserving life, property, and natural resources	514	174-179
5	How do inventions and discoveries influence education	514	199-200
5	How do inventions and discoveries influence recreation	514	192-195
5	How invention has changed our way of living	152	98-100

INVENTION: continued

5	How invention has changed our way of living	606	162
5	How is the consumption of goods and services influenced by discoveries and inventions	514	183-185
5	Influence of inventions and discoveries upon living	494	29
5	Inventions affect our mode of living	132	32
5	Inventions change American life and weld the nation in spirit	619	249-263
5	Pioneering in inventions	121	26
5	Scientific inventions (thermometers, magnets, magnifying lenses, telescopes)	640	110-111
5	Some inventions and discoveries that began the rapid change in American life	129	252
6	How inventions changed American life	619	4
6	Inventors and inventions	282	29
6	Modern inventions	603	27
7	Fields of invention	113	62-63
7-8	Effects of invention upon the history of the United States	208	180-186
8	The age of machinery and invention	391	129-131
			285-386

INVESTMENT: see Banks, Business, Insurance

IRAQ: see Asia

IRELAND: see British Isles

IRON: * see also Industry, Manufacturing, Mining

4	Iron	183	118-123
6	How we get iron and coal, the two chief bases of industrialism	488	1042-1047
6	Resources and industries - coal, iron, and oil	262	293-301
gni	Iron and steel	640	264

IRRIGATION: see Agriculture

ISLAND: ? see also Possessions, also names of islands; as Hawaii

5	American Samoa	260	80-81
5	Life in island places of the world	166	pni
5	Our island possessions in the Atlantic	158	79-80
5	Virgin Islands	260	80-81
			83
5	Wake and Midway Islands	260	82-83
6	Australia, New Zealand, and the South Pacific Islands	619	28
6	Island life	388	63-65
8	Australia and the islands of the Pacific	619	29

ITALY: † see also Europe, Mediterranean, Romans

3	Children of Italy	339	47
3	Italy	131	241-254
3	Italy	196	46-49
3	Italy	418	83-87
4	Italian life	641	60
4	Italy	258	14-25
4	Italy, the land of music, art, and drama	332	431-434

ITALY; continued		
4 What does Italy mean to the world	166	pni
4-5 Life in temperate countries - Italy	523	78-80
4-7 Italy	426	168-169
5 Italy, Rome, and the Romans	192	51-61
5 Modern Italy, and Ancient Rome	603	70
6 How have France, Italy, and Germany become great industrial and agricultural nations	111	111-115
6 Italian possessions	413	140-141
6 Italy	132	672-689
6 Italy	172	72-76
6 Italy	197	177-179
6 Italy	324	22-27
6 Italy a sunny land	132	652-671
6 Italy, Switzerland, Austria	606	408
6 Modern Italy	619	26
6 What the people who lived in Italy have done for us	152	137-142
6 What the people who lived in Italy have done for us	606	162
8 How Italy and Spain have changed since the World War	335	54-56
8 Rise of Modern Italy	798	31-37
JAPAN: † see also Asia, Orient, Silk		
K Building a steamer and going to Japan	604	523-530
1-3 Japan and China	400	70
1-6 Japan	640	286
2 Japan	643	83
		88
3 Children of the Far East - Japan	337	129-134
3 Festivals, legends, recreation (Japan)	141	57-68
3 Finding out about Japan	604	286-290
3 Home life in Japan	141	19-56
3 How people live in Japan	233	1-2
3 Japan	131	95-112
3 Japan	182	68
3 Japan	404	283-296
		304-305
		308-313
		317
3 Japan	506	47
3 Japan	521	16-25
3 Japan	522	1-9
3 Japan	605	100
3 Japan	620	134-141
3 Japan	624	91-95
		181-186
3 Japan	736	10-32
3 Japan - an island country	262	106-111
3 Japan as a nation	141	1-18
3 The Japanese	182	126-130
3 Japanese children	339	47
3 The Japanese home	305	107-108
3 Japanese life	327	75-81
3 Japanese unit	260	15-16

JAPAN: continued

3	Life in temperate regions, Holland, Japan	104	16
3	Silk and Japan	308	24
3	A study of Japanese life	305	77-93
3	A study of Japanese life	418	77-82
3	Visiting in Japan	629	135-139
3-4	Children in Japan	620	33
3-4	Japan	522	1-8
4	Chinese and Japanese	619	29
4	How the Japanese live in their island home	169	116-118
4	If we were living in Japan	603	68
			89
4	The Island of Japan	518	546-548
4	Japan	446	120-122
4	Japan, the country in which art is a way of living	332	426-431
4	The Japanese	641	60
4	The Japanese - a changing people	157	53-55
4	Living in an insular region - Japan	251	24-25
4	Living in an insular region - Japan	606	170
4	Living in an island country - Japan	488	932-938
4-5	Life in temperate countries - Japan and China	523	81-85
4-7	The empire of Japan	426	200-202
4-7	Japan	426	202
5	Japan	190	178-181
5	Japan the dwarf who became a giant	381	47
5	A Japanese tea party	600	323-324
5	Story of Japan and its people	336	157-163
6	The empire of Japan	339	85
6	How the people of Japan use their resources	171	127-132
6	The Island of Japan	518	549-550
6	Japan	132	603-619
6	Japan	396	24
6	Japan	399	4
			19
6	Japan	606	408
6	Japan and China	488	698-700
6	Japan the Britain of the Orient	244	218-223
6	Life in Japan or China	388	55-59
6	Life in modern Japan	332	653-660
6	What the Orient (China, Japan, and India) has contributed to the Occident	606	162
7	Current events - China and Japan	237	90-91
7	Japan, an ancient island country	152	200-201
7	Japan, an island country and a modern industrial nation	245	22-23
7	Japan becomes an industrial nation	301	79-85
8	Japan	490	24-29
gni	Japanese life	618	247

JELLYFISH: see Sea Life

JUNGLE: ? see also Africa, Amazon, Animals, Circus, Congo, Forest, Zoo

2	Jungle	602	146
3	Child life in the jungles	608	314-333
3	South Americans - jungle people	619	25

JUNGLE: continued		
4	How people live in tropical jungles	169 112-115
4	The jungle - how people live in the hot moist lands	312 19-26
4	The jungle people	468 264-273
KANSAS: see States		
KENTUCKY: †		
4	Pioneer living in Kentucky	607 28
5-6	Coming to Kentucky by trail and river	607 35-40
7	Kentucky: "Land of Promise" "United We Stand - Divided We Fall" - Louisville: Gateway of the South	301 43-47
8	Kentucky life in 1840	607 32-34
KINDERGARTEN: see School		
KITCHEN: see House		
KITES: see Playing		
KNIGHTS: see Feudalism		
LABOR: see Industry		
LABOR DAY: see Holidays		
LABORATORY: see Science		
LABRADOR: see Canada, Cold Countries, Polar Regions		
LACE: see Tatting		
LAKES: see Transportation, Water		
LAND: * see also Agriculture, Transportation		
4-7	Development of land resources	426 120-121
5	Land development	313 26-32
7	Land and water areas	488 726-728
LANGUAGE: see English		
LAPLAND: † see also Cold Countries, Northland, Polar Regions		
3	How people adapt their ways of living to climatic conditions - how the Lapps live, how the Filipinos live, how the Texans live	226 27-34
4	Cold regions of the Northland by the Sea	152 63-64
4	Life in cold lands - Lapland and Greenland	233 1-2
LATIN AMERICA: † see also America, Mexico, South America, West Indies		
4-7	European influences in Latin America and in Africa	426 34-36 57-59 184-199 271-274
5	How the neighbors of the United States in Mexico, Canada, and Central America live	387 59-67
5	Mexico and Central America	339 67
5	Our Latin-American neighbors	330 228-237
5	Our Latin-American neighbors	331 181-186
5	Our nearest neighbors (Mexico, Central America)	395 52

LATIN AMERICA: continued

5	Our neighbors in Mexico and Central America	334	pni
5	The Panama Canal	641	60
5-6	Latin American countries	284	pni
7	How present-day Latin America arose from the ancient civilization	301	86-88
7	The industrialization of Latin America	220	116-135
7	Latin America	245	24-25
7	Latin America: how Europeans changed Indian civilization	152	201-202
7-8	Latin American neighbors	208	131-134
8	Industrialization of Latin America	262	414-424
8	The industrialization of Latin America	488	1113-1122
8	Latin America	490	30-38

LEARNING: ? see also School

2-3	People who contribute to direct learning	486	5
4	How learning facilities of different countries compare with ours	498	199-200
6	The revival of learning	488	592-593
7	How much of what I am told should I believe	614	11-13

LEATHER: * see also Clothing, Manufacturing

4-6	Leather	122	1-8
4-7	Tanning leather	486	55
7	The meat packing, the textile and leather industries of the United States compared with the same industries in other sections of the world	277	178-194
gni	Leather craft	273	103-104

LEAVES: see Plants, Trees

LEGENDS: see Folklore

LEISURE: see Recreation

LETTER: see Post Office

LIBRARIES: ? see also Books, Community, Literature, Paper, Pictures, Printing, Reading, School

K-3	Library	604	218
1	Books and shelves for our library	603	65
1	Building and equipping a library	629	72-77
1	Classroom library	380	19
1	The librarian	130	6
1	Library	256	49-52
1	The library	625	47-50
1	A library activity	264	308-311
1	The library in the home	315	49-54
1	A library project	256	50-52
1	Our library	507	14-15
1	Building a library corner or reading center	207	81-82
1-2	A library table	620	33
1-3	The library	446	25
1-6	Libraries	167	22
1-7	Using reference materials	514	380-382
2	A circulating library	608	119-133
2	The community: the library (a sample unit)	203	1-6

LIBRARIES: continued

2	The librarian	130	7
2	The library	174	21-27
2	The library	186	280-286
2	The library	231	28-30
2	The library	295	1-18
2	The library	330	424
2	The library	332	880-881
2	The library	404	155-159
			176-177
2	The library	443	188-196
2	Library	512	3-10
2	Library chairs	608	70-85
2	Library corner	604	570-575
2	A library experience	325	53-57
2	Library unit	120	126-129
2	Our library	380	27
2	Our public library	330	115-119
2	The public library	282	8-10
3	Classroom library to modern newspaper	604	584-593
3	Library	130	5
3	The library	418	39-42
3	Library	781	1-13
3	Library unit	438	40-42
3-4	Library unit	274	29-33
3-4	Library unit	275	54-59
4-6	Developing and using library services	116	182-183
4-6	A library corner	180	27-29
5	The library	518	665-667
7-8	The origin and development of the library system	243	185-219
gni	Libraries	400	53-54
gni	The library and its contribution to the arts	332	414-416
gni	Library unit	273	45
gni	Our library	243	34

LIFE: see Living

LIGHT: * see also Color, Electricity, Eyes, Illumination, Sun

1-3	The sun (heat and light)	447	21
3	Evolution of light	380	32-33
3	Norfolk's gas and light supply	380	35
3	The story of light	311	25-34
4	History of lighting	790	29-41
4	The story of lighting	722	1-24
4-6	Light	122	1-5
5	History of light	445	112-126
5	Transmission of light	228	88-91
5	What people can do with light	241	67-71
5-6	Waves of light, sound, and radio	383	71-81
6	How light developed on the earth	176	170
6	Light	289	209-213
6	Light	484	69-85
6	Light	605	103
6	The story of lighting	282	27
8	Lighting our homes and streets	332	233-234

LIGHT HOUSE: see Community, Transportation

LINCOLN'S BIRTHDAY: see Birthdays

LINEN: see Clothing, Colonial Life

LIQUIDS: see Water

LITERATURE: * see also Books, English, Folklore,
Myths, Plays, Poetry, Stories, Theater

K-2	Literature	284	pn1
4	How are music, literature, and art affected by frontier living	514	150-154
5	Dramatizing Bible stories	600	324-325
5	Living and growing through literature	121	77-79
5-6	Literature	284	pn1
6	American literature and art	434	66-72
7	Loyalty	154	37-40
gn1	The novel	176	111
gn1	Old classics	237	96-97

LIVE STOCK: see Animals, Dairy, Farm

LIVING: ? see also Manners and Customs, Nature
Study, Work and Workers

1	Living together in the first grade	506	2-7
1	Living, working, and playing together	337	56-58
2-3	How we live today	523	42-44
3	The first living things	240	130-131
3	Life in cold lands	251	10-12
3	Life in hot lands	251	14-15
3	Life in other lands	305	60-93
3	Life in temperate lands	251	16-17
3	Living in primitive or simple communities	306	52
			58-59
3-4	Life in far-away lands	509	42-56
	Life in far-away times		
4	How people live in hot deserts and in cold deserts	169	89-99
4	How people live in rugged coastal regions	169	108-111
4	The influence of the cold on man's living	237	104-107
4	Life and history of the people of the earth depend upon the geography of the earth	266	50-52
4	Life in cold lands	197	94-98
4	Life on the sea coast (Brittany and Norway)	233	1-6
4	Living along a rugged coast (correlated with English)	468	117-120
4	Living along a rugged coast (correlated with music)	468	111-115
4	Living along a rugged coast (library cor- relation)	468	107-109
4	Living things of long ago	362	1-14
4	A study of life in cold lands and hot lands	262	135-143
4	Study of life in (a) cold lands; (b) hot lands	488	950-967
4-6	How the lives of the people of Oklahoma are influenced by the conditions under which they live	391	303-306
5	Continuity of life	228	98-103
5	Effects of discovery upon our living	153	42

LIVING: continued

5	How our society today adapts itself to present problems: life of our society today	104	21
5	How the early Chicagoans lived	170	8-12
5	In other lands	195	54
5	Living and growing: citizenship in cultural, beautiful, artistic Atlanta	121	14-18
5	Living in North America (production, distribution, and consumption)	233	1-5
5	Why our country is a good place in which to live	152	105-115
6	Beginnings - life and contributions of the first men	197	153-160
6	Group living	444	18
6	How change came about in ways of living	171	101-105
6	How man has improved living conditions	388	34-54
6	How people in various countries are living today	388	55-67
6	How ways of living have changed	176	171
6	The life and contributions of the first men	488	580-582
6	Living in our cities	194	17-28
6	Living in South America (Argentina and Uruguay)	233	1-8
6	Our ways of living in the twentieth century	179	151-159
7	The American standard of living	152	171-173
7	The American standard of living	301	5-6
7	American standard of living developed by scientific knowledge	301	10-13
7	Chief factors in maintaining the high standard of living in the United States	245	3-4
7	The chief factors in the high standard of living in the United States	301	7-9
7	Extension of provision for cooperative living	513	43
7	Life at the close of the Revolution	391	367-368
7	The standard of living in the United States	245	1-2
7-8	Independence of living things	255	45-47
8	American life to 1860	391	379
8	American standard of living today	503	7-25
8	How mode and manner of living have changed in the United States	398	pni
8	Improving our lives together	221	47-55
8	The individual lives in a group	270	9-12
8	Life in the new states and the great westward movement	152	213-214
8	Living together - unit	221	28-33
gni	The good helpers club. Some experiences in group living	507	21-28
LOWLANDS: ? see also Belgium, Germany, Netherlands			
1-3	Life in lowlands	400	69
4	How geographic environment affects life in a lowland country	244	55-59
4	How people live in lowlands and in highlands	169	100-107
4	Life in lowlands	321	65-72
4	Living in the lowland country	468	122-151

LOWLANDS: continued

4	Living in the low lands	197	80-88
4-6	Life in lowland or flood sections	272	60
6	The lowland countries: Holland, Belgium, Denmark	510	pni
6	Lowland countries - Belgium, Holland, and Denmark	488	692-693
6	The lowland countries of the Western Empire	619	26
6	Orinoco lowlands and Guiana	413	74-75
6	The thrifty "Low Countries" - Holland and Belgium	152	161-164
7	Countries of the lesser highlands and neighboring lowlands	391	351-352

LUMBERING: * see also Forest, Industry, Shelter, Trees, Wood

2	Shelter - lumber	478	1-7
4	Lumber industry	183	92-99
4	Lumbering	446	107
4	Lumbering in the United States	381	31-32
4-7	Lumbering in the United States	426	121
5	Farming, lumbering, and the vacation business in the northeastern section	158	75-78
5	Life in the Northwest including Alaska, the lumberman, the fisherman, the miner	387	15-19
5	Lumbering (southern states)	158	28-29
5	Lumbering	512	j31-j36
6	Mining and lumbering	190	261-267
gni	Lumbering	618	64
		635	173

LUNCH: * see also Cafeteria, Food

1	Buying lunch	330	375
1	The mid-morning lunch	613	117-123
1-2	Preparing cocoa for lunch	117	196
3	School lunches	642	310
4-6	The hot lunch	180	38-39
5	Preparing a luncheon for the first grade	617	10-13
5	Serving a teachers' luncheon	617	17-19
7	Selection, preparation, and serving of luncheons, suppers	278	56-61

MACHINERY: see Machines

MACHINES: * see also Dairy, Electricity, Energy, Factory, Industry, Invention, Manufacturing, Mining, Power, Printing, Sewing, Tools, Weaving

1	Making an engine	624	169-177
1-4	What makes things go	382	63-66
3	Machines make work easier	240	148-153
4	How things move	332	164-165
4	Wheels and wings	195	47-48
4-6	The engine	605	355
4-6	Using machines to increase production	116	167-168
5	How machines changed our methods of living, Part I	416	59-61
5	How machines changed our methods of living, Part II	416	62-64

MACHINES: continued

5	Simple machines	228	66-70
5-6	How machines help us	383	57-63
6	Effects of machine production upon living	494	29
			33
6	Effects of machine production upon our living	514	210-260
6	Effects of the machine upon our living	513	43
6	How does machine production affect transportation and communication	514	236-240
6	How does machine production increase the quantity and variety and change the quality of goods	514	222-230
6	How does machine production influence education	514	250-251
6	How does machine production influence recreation	514	241-245
6	How does machine production influence the development of the church	514	248-250
6	How does machine production lead to the conservation and to the waste of life property and natural resources	514	215-222
6	How does machine production modify art, literature, music, and architecture	514	245-248
6	How does machine production of standardized goods influence the choice and use of goods	514	230-236
6	How people of the world have learned to develop their energy resources and make machinery work for them	219	97-108
6	How people of the world have learned to develop their energy resources and make machinery work for them	229	55-63
6	How the modern machine age grew out of the medieval world	104	22
6	Machines	241	149-154
6	Man's work in a day of machines	194	43-54
6	Simple labor saving machines	640	252
6	Utensils	488	1414-1424
7	The rise of industry and the development of machinery in the United States	262	354-363
7-8	How have machines helped to develop our civilization	394	1-14
7-8	The manufacturing and mechanical occupations	277	1-28
8	The age of machinery and invention	391	385-386
8	Energy and machines	606	160
8	How machines have changed American ways of living	335	35-38
8	The influence of machinery on our democracy	402	206-222
8	Making and using tools and machines since prehistoric times	442	36-39
8	Our growing dependence on machinery	503	26-44
8	Using machines to do our work	332	232-233
gni	Machines	644	40-45

MAGAZINES: see Books

MAGNETISM: * see also Electricity, Science

1	Magnets attract iron and steel	240	73-74
---	--------------------------------	-----	-------

MAGNETISM: continued

2	Electricity and magnetism	225	63-66
3	Magnetism and electricity	440	47-50
4	Magnets and electricity	441	16-20
5	How magnetism and electricity are used	241	76-84
5	Magnetism	176	167
5-6	Magnetism and electricity	383	63-70
5	Fun and facts about magnets and electricity	166	pni
6	Magnetism and electricity	129	5
7	Magnetism and electricity	406	22-23
8	A study of electricity and magnetism	488	1338-1340

MAIL: * see also Post Office

K	How airplanes carry people and mail	481	90-99
1	How do we get our mail	603	65
1-2	Using mail service	212	54-60
1-3	Using mail service	116	107-111
2	Handling the mail	370	129-135
2	How our homes get their mail	320	55-63
2	Mail	104	15
2	Mail carrier	506	47
3	Travel and the mail in pioneer days	325	118
5	Airways, highways, waterways, railways, radio, and mail as connecting ties	387	12-14
6	Carrying the mail	195	63

MAKE BELIEVE: see Stories

MAKING THINGS: see Handwork

MALARIA: see Disease, Medicine

MAMMALS: * see also Animals

3	The coming of mammals	240	139-140
3	Mammals of our own and other lands	343	pni
3	Mammals of our own and other lands	358	1-23
3	What use has man made of the California mammals	456	pni
6	The development of animal life. Mammals	241	136-140
6	Mammals	168	109-112
7	Mammals, their geographic distribution and adaption to environment	276	20 22-24

MAN: ? see also Civilization, History, Manners
and Customs, People, Primitive Life, Racial
Groups. Also, names of races, as Negro

3	How man meets his physical needs today	320	112-130
3	Man is dependent upon animals and plants	332	147-150
3	Man is different from the animals	240	141-142
3	The story of man	240	141-157
4	Man's duty to others	488	1264
4	Man's progress and adjustment to his natural surroundings	402	42-55
5	Theme: The furnishing of the child's needs by the various peoples of the world Emphasis is to be placed upon the North American peoples in supplying these needs	318	30-40
6	Basic needs of mankind	434	6-8
6	How man throughout the ages has preserved in story, song, and poetry his experi- ences and emotions	332	483-490

MAN:	continued		
6	Life and contributions of the earliest man	200	191-201
7	How the welfare of the common man has been improved by humanitarian efforts	335	27-29
MANNERS AND CUSTOMS:	* see also Amusements, Fair, Festival, Holidays, Sports		
1	Personal appearance	198	14-15
1-3	Practicing good manners in the home, school, and community	329	96-100
1-7	Maintaining good grooming	514	365
1-7	Observing rules of table etiquette	514	364
2	Courtesies	225	88-90
3	Customs	131	237
4	Etiquette junior	288	143-152
5	Expressing and satisfying aesthetic tastes in food preparation and table manners	455	pni
7	Superstitions	614	47-50
8	Conventions I should know	614	3-7
gni	Getting acquainted	644	12-19
MANUFACTURING:	* see also Automobiles, Clothing, Commerce, Electricity, Factory, Industry, Machines, Mining, Paper, Pottery, Textiles, Toys		
1	Manufacturing	130	2
2	Ford plant	380	24
3	Manufacturing	129	3
4	Manufacturers in California	605	101
4-6	Brick	122	1-3
5	How has manufacturing in the Americas helped to develop the nation into a world power	110	73-77
5	How has manufacturing in the Americas helped to develop the nation into a world power	111	82-86
5	Manufacturing (Southern States)	158	30-31
5	Manufacturing	605	102
5	Water power and centers of manufacture. Some large cities of the northeastern section	158	71-72
6	How have man's achievements in manufacturing advanced civilization and developed interrelationship and interdependence among the peoples of the world	491	181-191
6	Manufacturing in the United States	190	268-274
7	The development of manufacturing	254	37-44
7	Manufacturers and the growth of cities	114	69
7	Manufacturing (raw materials)	396	24
7	Manufacturing and manufacturing centers	114	77
7	The manufacturing of the United States compared to the manufacturing countries of the world	277	157-177
7	Manufacturing products	442	29-31
7-8	The manufacturing and mechanical occupations	421	1-28
gni	Manufacturing	159	pni
gni	Manufacturing	635	172

MAPLE SUGAR: see Food

MAPS: ? see also Cities, Community, Geography,
Handwork, Weather

1-6	Making and using a floor map	432	S27
1-6	Making and using a globe map	432	S28
1-6	Making and using a paper pulp map	432	S28
1-6	Making and using a salt and flour map	432	S28
1-6	Making and using maps	432	S25-S27
1-6	Making decorative maps and wall hangings	432	S7
1-6	Making evening sky maps	609	247-251
1-7	Making and using maps	514	460-463
1-7	Making decorative maps and wall hangings	514	476-477
3	Globes and maps	431	10
3	Map development	619	25
3	Picturing Santa Clara county by products map and puppet show	604	127-130
4	Learning to make a map	603	66
4	Maps and what they show us	332	169-172
4-6	Art and handwork. Making maps depicting such hazards and dangers	272	81
4-7	map study	426	95
			104-105
4-7	Map study world view	426	82-83
4-7	Maps	486	55
6	We make and study picture maps	603	66
gni	Making of maps	341	94-97

MARCO POLO: see Exploration

MARIONETTES: * see also Plays, Puppet

1-6	Giving shadow shows, puppet shows, and marionette performances	432	16-17
1-6	Marionettes and shadow plays	307	31
1-7	Constructing puppet shows and miniature scenes	514	485
1-7	Giving shadow shows, puppet shows, and marionette performances	514	485-487
1-8	Mitten puppets and marionettes	496	143-151
3	Marionette show of Hansel and Gretel	323	20-21
4	Making and using marionettes	630	388-395
4-6	Art and handwork. Developing and staging a marionette play	272	81
5	Marionettes tell the story of Robin Hood	791	18-28

MARKETS: * see also Commerce, Community, Fair,
Fishing, Flowers, Food, Grocery, Health,
Trade, Vegetables

K-2	A market	390	41-63
K-3	Building and operating a market	628	274
K-3	The market	272	43
K-3	Markets	628	273-274
1	The children's market	604	162-167
1	The markets	604	553-556
1	A market	619	28
1-2	Our Glenridge market	243	57-63
2	Market	129	2
2	The market - grocery department	138	4-23
2	The market - meat department	138	30-40
2	The market and the truck farm	186	241-263

MARKETS: continued

2	Markets	104	14
2	The municipal market	417	67-71
4-7	Leading markets of the world	426	239-240
6	Markets and marketing	154	41-45
gni	Market unit	273	44
gni	The world market	618	288-289

MASKS: see Hallowe'en

MAT: see Handwork

MATERIALS: ? see also Clay, Handwork, Wood

1	Distributing materials	207	78-79
4-6	Use of materials	272	80-81
6-8	How to use study materials	524	131-141

MATHEMATICS: see Arithmetic

MAY DAY: see Holidays, Special Days

MEASUREMENT: ? see also Arithmetic, School

1-6	Measuring time	167	32
1-7	Using measures and measurements	514	412-413
2	We can measure heat, weight, and length correctly	240	114-117
3	Measurement of liquids	237	97
6	Measuring time, the calendar	447	126-127
8	Unit on measurement of solids, figures	479	98-118

MEAT: * see also Food, Grocery, Industry

1-3	The meat market	446	25
2	The market - meat department	138	30-40
3	Meat and meat packing	187	79-100
4	Meat packing industry	183	76-78
6	Meats, including fowl, fish, milk, etc.	461	pni
7	The meat packing, the textile and the leather industries of the United States compared with the same industries in other sections of the world	277	178-194

MEDICINE: * see also Body, Diseases, Drug Stores, Health, Nurse, Teeth

K-3	Filling Red Cross boxes	334	pni
1	The doctor	130	6
1-3	Using medical and hospital facilities	116	80-81
1-7	Utilizing the services of medical experts	514	428-429
2	The doctor	130	7
6	Living and growing with pioneers in medicine in the past, present, and future	121	112-113
8	Lengthening the span of human life through the study of bacterial causes and practice of preventive medicine	488	1135-1137

MEDIEVAL WORLD: see Middle Ages

MEDITERRANEAN: † see also Europe; also countries bordering the Mediterranean sea, as Greece, Italy

4	How does life in the sunshine lands of the Mediterranean differ from that in the Panhandle	110	27-30
---	--	-----	-------

MEDITERRANEAN: continued

4	How does life in the sunshine lands of the Mediterranean differ from that in the Panhandle	111	31-35
4	How people live in the Mediterranean lands	326	75-86
4	Life in Mediterranean lands	321	39-50
4	Life in the Mediterranean lands	179	32-37
4	Mediterranean lands	157	46-48
4	Mediterranean lands	202	pni
4	Mediterranean lands	312	27-33
4	The Mediterranean region	446	114
4	Mediterranean sea and lands	339	57
4	Through Mediterranean lands	152	66-67
4-7	The Mediterranean as a center of world trade	426	231-234
4-7	Mediterranean coast lands	426	73-75
5	Life in the Mediterranean countries	603	66
5	A Mediterranean cruise	433	67-77
5	A Mediterranean cruise	437	76-89
5	The story of ancient and modern life in the eastern Mediterranean region	336	83-94
5	Study of Mediterranean countries of Europe to understand how the people live, what they do, and why they live and work as they do	492	10-15
6	Countries of the western Mediterranean	190	220-225
6	Development of civilization in the Mediterranean lands	244	160-164
6	Early civilizations around the Mediterranean sea	399	4
6	Early life around the Mediterranean sea	402	11-12
6	The foundations of our civilization were laid in the Mediterranean region	268	97-100
6	A history unit on Mediterranean lands	244	12-25
6	The Mediterranean area, including the fertile horseshoe and the bridge lands of southeastern Europe	339	155-156
6	The Mediterranean countries	154	81
6	The Mediterranean countries	396	28-32
6	Mediterranean countries today	399	23
6	Mediterranean lands	260	4
6	Mediterranean lands	322	11
6	Mediterranean lands	488	88-102
6	Mediterranean lands today	510	50-57
7	First explorers in the Mediterranean	389	686-689
8	The Mediterranean countries	619	pni
			8-14
			29

MEMORIAL DAY: see Holidays

MENTAL HYGIENE: ? see also Health

1	Mental hygiene correlated with nature study and social science	259	13-17
4	Mental attitudes affect physical health	488	1263
5	Mental habits and personality	332	192-193
6	A wholesome mental life	484	86-100

MESOPOTAMIA: see Asia

MESSAGE CARRIERS: * see also Communication, Mail,			
	Post Office		
1	Delivering a message	207	109
1	Message carriers	130	6
2	How messages are carried	603	68
2	Message carriers	130	7
2	The second grade messenger	603	68
2	Workers who carry our messages	505	260-265
3	How do we send messages to people in other places	497	73-84
3	How people send messages to other people	175	30-31
METAL: * see also Handwork, Industry, Mining			
4-7	Making metal things	486	54
6	The discovery of metal	447	124
7-8	Working with sheet metal	488	1491
8	Metal	176	135-141
gni	Making metal goods	516	24-25
MEXICO: † see also North America, Primitive Life			
2	Mexico	619	25
			29
3	Mexican clothing	142	80-93
3	Mexican culture	142	42-51a
3	Mexican foods	142	102-110
3	Mexican home life	142	1-28
3	Mexican pottery	142	143-147
3	Mexico of today	166	pni
3	Mexico's relation to the United States	142	52-69
3	Personal amusements of the Mexican people	142	156-169
3	Primitive colors and dyes (Mexico)	142	97-101
3	Shelter in present day Mexico	142	70-79
3	Textiles (Mexico)	142	94-96
3	Transportation and communication (Mexico)	142	148-155
3	Work and play (Mexico)	142	28-41
3-4	Mexico	450	1-96
4	Life in semi-tropical sands (Mexico)	233	1-5
4	Mexican life	641	60
4	Mexico	404	399-409
			413-414
			416-417
			419-420
4	Mexico	727	12-22
4-7	Mexico, Central America, Panama Canal Zone, and the West Indies	426	144-149
4-7	Mexico, Panama Canal	426	149-150
5	Canada and Mexico, their likenesses and differences	381	47
5	How the neighbors of the United States in Mexico, Canada, and Central America live	387	59-67
5	Mexico	114	48-49
5	Mexico	190	296-298
5	Mexico	605	102
			217-244
5	Mexico	620	193-199
5	Mexico - a beggar sitting on a bag of gold	381	46
5	Mexico, and Central America	339	67
5	Mexico, before the Spaniards	605	102

MEXICO: continued

5	Our nearest neighbors (Mexico, Central America)	395	52
5	Our neighbor to the south - Mexico	190	147-151
5	Our neighbors in Mexico and Central America	334	pni
5	Spanish explorers of Mexico	605	102
5	A trip to Mexico	433	9-13
5	A trip to Mexico	437	9-15
5	Tropical life in Mexico and Central America as contrasted with life in the United States	387	59-61
5-6	Mexico	284	pni
5-6	Mexico	605	193-216
5-6	Mexico	620	34
6	How Mexico has changed from a Spanish colony to a self-governing nation	336	188-193
6	Mexico	413	54-58
6	Ways of living in Mexico	179	172-177
6-8	Mexico - our Spanish neighbor	524	203-209
7	Mexico and the Caribbean lands	277	69-83
gni	Spanish and Mexican unit	605	437

MICHIGAN: † see also Cities, State

4	Industries and products of Michigan	190	293-295
5	Earning one's living in Michigan	244	150-154
5	Michigan industries a geography unit	244	113-118

MIDDLE AGES: † see also Crusades, Feudalism, History, Records, Renaissance

5	Life in the Middle Ages	193	9-18
5	Life in the Middle Ages	262	202-208
5	Life in the Middle Ages	336	131-135
5	What influences in the Middle Ages laid the foundations for the modern world	111	60-65
5-6	Medieval life	620	34
6	Craftsmen of the towns and villages of medieval Europe	605	103
6	How Europe developed in the Middle Ages	629	228-234
6	How people lived and worked during the Middle Ages	171	22-29
6	How the people lived in the Middle Ages and how the nations of central and southern Europe rose	606	162
6	How we have profited from medieval experiences	104	22
6	Life in the Middle Ages	202	pni
6	Life in the Middle Ages	244	172-179
6	Life in the Middle Ages	381	48-49
6	Life in the Middle Ages	496	74-88
6	Life in the Middle Ages	510	pni
6	Life in the Middle Ages	641	60
6	A medieval city	446	163
6	A medieval fair	244	157-159
6	Medieval life	404	642-650
			653-663
			665-670
6	Medieval life	625	133
6	Medieval times	260	103-106

MIDDLE AGES: continued

6	A medieval tournament	762	1-15
6	The medieval world	197	183-187
6	The medieval world	200	219-229
6	The medieval world	201	167-203
6	The Middle Ages	605	103
6	Middle Ages	184	88-90
6	The Middle Ages	322	146-155
6	The Middle Ages	446	161-165
6	The Middle Ages	488	589-591
6	The Middle Ages; the hawk and falconry	447	107-110
6	The Middle Ages (story form)	396	23
6	A new civilization of the Middle Ages	339	83
6	Studying medieval life	630	312-313
6	What did the people of the Middle Ages teach the world	114	137-142
7	Life in the Middle Ages	489	29-32
7	Medieval times	405	13-14
7-8	Life in the Middle Ages	208	100-102
8	Living in the Middle Ages	442	42-44
gn1	Unit or medieval fair	275	60-70

MIDDLE ATLANTIC STATES: see Atlantic States

MIDWAY ISLAND: see Islands

MILK: * see also Dairy, Farm, Food

K	Finding out about milk and butter	604	223-226
1	Finding out about bread and milk	604	226-237
1	How do we get our milk	166	pni
1	Milk	340	48-52
1	Milk, the dairy, and the dairy farm	186	210-228
1	Milkman	130	2
1	Our milk story	325	39-41
1	A study of milk	632	106-116
1-2	Milk	445	13-22
1-3	Milkman	603	92
2	A described unit on milk	185	106-116
2	A fair and a study of milk	715	1-16
2	Milk	184	77-80
2	Milk and the dairy	288	111-132
2	Milk in the community	316	77-96
2	Our milk man	416	9-11
2	A partial description of a second unit on milk	185	116-119
2	The story of milk	603	68
2	The story of milk, and of bread	339	39
2	A study of milk	265	97-105
2	A study of milk	304	67-72
2	A study of milk	488	30-32
2	A study of milk	625	61
2	A unit of work on milk	185	84-92
3	Milk	333	29-33
3	Milk	340	117-125
3	Milk	438	42-43
3	Milk and the milkman	605	100
3	Milk delivery	644	7
3	What happens to the milk after it leaves the farm	330	169-176

MILK: continued

3	What happens to milk after it leaves the farm	331	123-128
4	A study of milk	264	347-352

MILLINERY: see Clothing

MINING: * see also Coal, Fuel, Gold Rush, Heat, Industry, Metal, Occupations

1-6	Collecting common metals and studying their uses	609	281-282
4	The gold miner	284	pni
4	The Gold Rush project	624	131-138
4	Mining: why coal is necessary to industry	381	41
4-6	Adapting mineral sources for man's use	116	164
4-7	Mining	486	57
4-7	Mining and quarrying	426	117-119
5	How environmental conditions determine the industries of people - fishing, mining, and forestry	228	31-43
5	How ranchers and miners lived in the great West	170	86-91
5	Life in the Northwest including Alaska, the lumberman, the fisherman, the miner	387	15-19
5	Mining	605	102
5	Mining the hidden treasures of the earth	218	74-107
6	Distribution of minerals	332	196-197
6	Mineral resources of Missouri	332	208-209
6	Mining and lumbering	190	261-267
7	The mining industry	114	76
7	The work of the miners	114	68
7-8	Mining	422	1-5
gni	Conserving our minerals	263	78-100
gni	Copper	640	264
gni	Miners and mining	620	33
gni	Mining	635	173
gni	Silver, gold, and jewelry	640	264

MISSION LIFE: * see also California, Religion

1-3	Missionaries	403	20-24
3	Santa Clara mission life	619	25
4	California mission project	624	127-131
4	Early explorations and missions	619	26
4	Indian, Spanish, mission period in San Jose	619	29
4	Mission life	386	52-54
4	The mission period	404	369-382
			410
			414-415
			417-418
4	Missions of California	446	105
4-5	The fur traders and the missionaries	524	120-122
5	Life in the California missions	618	127
6	An old Spanish mission	618	305

MISSISSIPPI: † see also Cities, Rivers, State, United States

5	English claims spread to the Mississippi and the Northwest	132	159-190
5	Interesting places in Mississippi	330	220-228

MISSISSIPPI: continued

5	Interesting places in Mississippi	331	171-174
5	Seeing Mississippi's interesting places	330	430-431
6	The Mississippi basin	334	pni
7	The Mississippi River system	332	222-223
7	The western Mississippi valley and Florida	254	14-17
8	The Mississippi River and its effect upon the culture of the peoples who live in its valley	243	32 156-166

MISSOURI: † see also Cities, States, United States

5	Ways of living in Missouri	179	105-112
5	What does Missouri do for her boys and girls	265	129-135
6	Missouri and the fine arts	332	490-495
8	Missouri's contribution to the American scene	332	586-593

MODELING: ? see also Art, Clay, Pottery

1	Constructing a model	341	85-88
1	Modeling with clay	207	95-96
1-6	Modeling	432	11-12
1-7	Modeling	514	480-481
4-7	Clay modeling	486	54
4-7	Making models (ships, airplanes, etc.)	486	58
6	Making a model airplane	641	300 355-361 363-366

MONEY: * see also Banks, Budgets, Business, Commerce, Measurement, Thrift

K	The fan sale to earn money	481	185-194
1	Earning money	330	391-392
1	Planning wise spending of money	330	381-382
1	Raising money for outfitting the band	330	389-390
1-3	Money	446	23
1-6	How the Civics Club earned and spent money	167	29
1-6	How to earn money	167	40
1-6	Saving money - a cash account	167	30
1-6	United States money	167	24
5	Money spent for milk; savings	642	311
6	Financing our room	506	48
6	Money	605	103
7	Environmental factors in economic develop- ment	254	30-34
7	Money and money substitutes	237	98-100
7-8	Money	208	152-153
8	Concentration of wealth in great corpora- tions	503	73-87
8	The economic and political development of the people of the United States	488	1145-1160
8	Economic groups exist to satisfy human wants	270	43-48
8	Financing the home	278	132-136
8	Laying up wealth	391	386

MONSOONS: see Wind

MOON: * see also Calendar, Earth, Heavenly Bodies, Science, Seasons, Sky, Stars, Telescope

K	The moon	240	29-30
---	----------	-----	-------

MOON: continued

K-1	Moon	640	251
1-3	The moon and the stars	447	22-23
4	The moon and the stars	447	52-53
4	Sun, moon, and stars	605	101
5	The moon and the stars	447	86-87
6	The moon and its relation to the earth	441	62-64
6	The moon and the stars	447	117-118

MOSQUITO: see Insects

MOTHER GOOSE: * see also Rhymes, Stories

1	Mother Goose land	303	36-42
1	A Mother Goose unit	506	47
1	A Mother Goose village	105	23
1-2	Mother Goose musical playlet	401	24

MOTHER'S DAY: * see also Holidays, Special Days

1	Mother's Day	315	91-94
1-2	Mother's Day	231	43-44
4	The honoring of mother and mother love in poetry, music, and art	332	439-443

MOTHS: see Butterfly, Insect

MOTION PICTURES: ? see also Recreation, Theatre

1-5	Making of puppets, movies, shadow plays, and peep shows	341	89-93
1-6	Making motion and talking pictures	432	S15
1-6	Movies	167	15
1-7	Making motion and talking pictures	514	484-485
2	Moving picture	380	27
2	Roller movies	172	25-26
2	A talking picture	608	86-88
gni	Selecting and enjoying motion pictures	263	274-295

MOUNTAINS: ? see also Alaska, Switzerland, Water

4	How geographic environment affects life in a mountainous region	244	49-54
4	Life in mountain lands	321	51-64
4	People who live in mountains	395	22-27
4	People who live in the mountains	396	21
4	Two mountainous countries	416	48-52
4-6	Life in volcanic and earthquake areas	272	61-62
5	Interesting things observed at the sea, in valley, or mountains	129	4
5	A land of mountains, of fruitful valleys, and wide open spaces (western states)	158	39-46
6	The Appalachian barrier	334	pni
6	The Rocky Mountain barrier	334	pni
6	Stone Mountain	119	6
7	The region beyond the Appalachians	254	8-14

MOVING PICTURES: see Motion Pictures

MOVING THINGS: see Machines, Nature Study

MURALS: see Art

MUSEUMS: *

1	Museum and nature corner	625	50-52
1	Our museum	166	pni

MUSEUMS: continued

1-6	Developing a school museum	432	86
1-6	Holding open house at the museum	609	338
1-6	Starting a school museum	609	233-234
1-7	Developing a school museum	514	475-476
1-7	Visiting a museum	514	340
2	Building our museum	603	65
3	A journey to a museum	630	470-471
3	Museum	380	35
4-6	Our museum	180	30-34
8	A school museum	613	220-223
gni	A visit to a museum of natural history	181	pni

MUSIC: .? see also Christmas, Orchestra, Singing

K	Music and rhythm	611	97
K	Our music store	515	122-126
1	Discriminating moods in music	207	127
1	Interpreting music by means of pictures	207	127
1	Music	133	138-157
1	Music	223	69-70
1	Music appreciation	766	1-23
1	We get music from bottles and sticks	603	68
1-3	Interpreting music, with instruments which they had made, in a second grade demonstration	604	507-509 513-514
1-3	Mother Goose operetta	800	1-10
1-3	Participating in music activities at home, at school, and in the community	116	126-127
1-7	Analyzing folk songs and appreciating the charm of design in music sung and heard	514	417
1-7	Creating tunes	514	422-423
1-7	Expressing the mood and rhythmic elements in music through active participation and interpretative singing	514	416
1-7	Interpreting the music of the masters through an understanding study of the composer in relation to his environment	514	418
1-7	Listening to music	514	418
1-7	Locating "do" from a given key signature	514	419
1-7	Participating cooperatively in choral groups as glee clubs, choruses, and choirs	514	421-422
1-7	Recognizing and using intervals of increasing difficulty	514	419
1-7	Recognizing and using sharp and flat chromatics	514	419-420
1-7	Recognizing and using six-part measures	514	420
1-7	Recognizing and using the quarter-note beat; quarter, eighth, dotted quarter followed by an eighth; dotted eighth followed by a sixteenth note	514	420
1-7	Recognizing simple forms	514	416
1-7	Recognizing and using tone relations in the natural or normal, minor scale	514	419
1-8	Music in the elementary grades	495	103-108
2	The municipal band	282	6
2	Music	225	67-69

MUSIC: continued

2	Music shop	380	27
2	Musical pantomime of Jack and the Beanstalk	800	11-19
3	Beginning music leading	332	406-408
3	A musical for first grade children	644	7
3	Original songs	608	228-233
4	Composing some original Chinese tunes on glasses	641	152
4	How are music, literature, and art affected by frontier living	514	150-154
4-6	The accidental sharp	332	454-455
4-6	Enriching our lives through music	116	195-196
4-7	Musical instruments	486	55
5	Scenes famous in songs	796	25-34
5-6	Our history in song	641	47-54
6	American music	434	73-75
6	Johannes Sebastian Bach	166	pni
6	Minor key study	332	498-499
6	Music, an art that grows out of life	121	68-71
7	Music in an ancient world	796	11-24
7	Planning and presenting an operetta	603	66
7	Primitive musicians in the new world	796	1-10
8	Planning and presenting an operetta	603	66
gni	Music contests	623	221-225
gni	Music memory contest	623	225-226
gni	Operetta	623	219-221

MYTHS: see Folklore

NARCOTICS: see Drug Store

NATION: ? see also Asia, Europe, United States

3-4	Foreign countries	603	60
4	How the nations tried to get wealth from the new world	416	31-33
5	Beginning of a nation	402	68-70
5	The condition of our nation today	488	575-578
5	Growth of a nation	402	71-72
5	How the nation was nearly destroyed	152	100-102
5	How the nation was nearly destroyed	606	162
5	The nation	151	85-86
5	Nations of the world at peace	402	74-86
5	A new nation in the new world	152	92-95
5	Preservation of a nation	402	73
5	The story of the first nations	192	23-40
6	Independent countries	413	141-144
6	Interdependence among nations of the world	244	224-228
6	Major nations of Europe	129	5
6	The nation and the world	151	85-86
6	New nations arose in Europe from the ruins of the old civilization	268	26-33
6	Should nations have colonies	166	pni
6	Two great nations that find it hard to get along with one another	339	83
7	Determining influences which affect nations	442	32-34
7	Founding our nation	252	17
7	How was the new nation established	488	611-613
7	The nation and the world	151	85-86
7	The nation expands after the Civil War	269	58-65

NATION: continued

7	The new nation establishes its authority	269	27-33
7	Our old world heritage the background of our nation	252	16
7	What were the difficulties encountered in the making of our nation	488	606-611
7-8	Our relations with foreign countries	114	195-198
8	Assuming new responsibilities as a nation	442	61-64
8	Distribution of nations and races of the world	129	7
8	Expanding and developing our nation	442	52-55
8	Foreign countries	625	133
8	Growth of the nation	129	7
8	The nation and the world	151	85-86
8	The nation is a unit in the world community	270	29-34
8	The national government under Hamilton and the Federalists	152	227-229
8	National problems, 1816-1828	391	376-377
8	Our nation	429	6-8
8	Relationships with other nations of the world	129	7
8	Remaining one nation	442	56-58
gni	Youth's social usefulness in foreign countries	616	222-256

NATURAL RESOURCES: * see also Coal, Conservation, Fishing, Forests, Mining, Oil, Resources, Water

4	How does frontier living affect the protection of life, property, and natural resources	514	133-135
5	Conservation of wild life and natural resources	387	47-53
5	How the people of north central United States use their natural resources	170	31-39
5	The natural resources of the United States	244	127-136
5	Our country's natural resources (forests)	285	pni
5	Our northern neighbors comprise vast regions of natural resources	267	68-74
7	Developing, using, and conserving natural resources	442	22-26
7	Utilization of natural resources	113	187-196
7-8	Wise use of our renewable natural resources	519	76-90
8	New machines and the increased use of natural resources help to develop this nation industrially and bring about changes in American ways of living	280	8B1-8B29
8	Using and saving natural resources	332	230-232

NATURE: see Nature Study

NATURE STUDY: * see also Animals, Birds, Flowers, Fruit, Living, Plants, Trees

K	Enjoying experiences with nature	604	532
K	Nature	339	24
K	Nature interests	250	4
K	Living things are different from things that are not alive	240	12-14

NATURE STUDY: continued

K-1	Nature	307	28
1	All around us	440	19-22
1	Living things around us	332	116-117
1	Living things and where they live	343	pni
1	Museum and nature corner	625	50-52
1	Nature	130	2
1	Nature	488	1356-1364
1	A nature museum	332	626-628
1	Nature preparing for winter	308	8-9
1	Nature study	133	158-182
1	A nature study	207	74-76
1	Nature study	604	550-552
1-2	Living things and where they live	342	1-18
1-3	The community (natural beauty)	447	18
1-3	Nature study for the primary grades	447	10-24
1-3	Observing and caring for living things	604	502-505
			512
1-4	Living things - how they grow and help us	382	18-24
1-4	How living things are protected	382	40-44
1-6	Establishing a nature trail	609	130-131
1-6	Observing and reporting new life	609	349-351
1-7	Making a nature trail	514	453-454
2	Getting acquainted with things around us	488	1227-1228
2	How nature in our community contributes to our happiness	108	128-134
2	Individual differences and variety in nature	640	251
2	Living things vary in size	240	87-88
2	Living things vary in their habitats	332	136-137
2	Nature	231	33-36
2	Nature and science	380	27
2	Nature study	339	39
2	Nature unit	130	4
2-3	Other agencies (natural elements: sun, rain, etc.)	486	6
3	Adaptation of life to environmental forces of nature	513	41
3	Living things	488	1242-1245
3	Natural science experiences for third grade	386	12-14
3	Nature	486	11
3	Nature study	339	48
3	Nature study	380	34-35
3-4	Enjoying our surroundings and making them more attractive	213	107-122
4	How things grow	176	158
4	Interesting things in nature	129	4
4	Natural beauty as a whole	447	42
4	Natural conditions of our eastern coast encouraged early settlement and rapid development	266	28-33
4	Nature study - bird life and insects	262	185-201
4	Nature study for the fourth grade	447	25-54
4	The part air and water play on life	332	167-168
4-6	Discovering how production and consumption are affected by the environmental forces of nature	116	155-156
5	Balance of nature	228	92-97

NATURE STUDY: continued

5	How we may conserve some of the beauties of nature	332	473-482
5	How living things get ready for winter	176	165
5	How living things are conserved and protected	176	166
5	Maintaining a balance in nature	519	44-57
5	The United States in the heart of North America owes its prosperity chiefly to nature	267	9-14
6	Balance in nature	332	205-208
6	Balance in nature	484	117-136
6	The balance of nature	343	pni
6	Balance of nature	366	1-9
6	Charting a nature trail	630	313-314
6	Nature study	600	309-310
7	Exploring nature	406	9-12
gni	The balance of nature	640	253-255
gni	Nature experiences	628	403-405
gni	A nature trip	181	pni
gni	Outdoors	644	30-39

NEAR EAST: see Orient

NEBRASKA: see States

NEEDLEWORK: * see also Sewing, Tatting

5	Colored embroidery	411	11-13
5	Simple embroidery	411	1-8
			10
5-7	Resume of the study of fine needlework and laces in grades V, VI, and VII	411	58
6	Colored embroidery	411	27-28
6	Greater ability in applying embroidery stitches learned in Grade VI (new embroidery stitches)	411	21-24
6	A more advanced embroidery problem	411	24-27
6	Simple crochet - Unit I	411	29-32
6	Simple crochet - Unit II - with more difficult problems than in Unit I	411	32-33
7	Appropriate uses of embroidery and other fine needlework, crochet, and tatting, and color	411	39-43
7	Greater ability in the application of embroidery stitches	411	37-38
7	Individual problems (needlework)	411	43-45
7	Laundering embroidery	411	46-49
7	Occupational possibilities of embroidery or other fine needlework	411	50-55

NEGRO: * see also Africa, People

4	The negro	641	60
4	The negro as our neighbor	496	55-64
4	A trip up the Congo (African negro life)	330	428-429
4	How has the American negro contributed to our civilization	459	pni
5-6	Southern negro at home	605	437
7-8	The negro in the United States	208	134-136

NEIGHBORS AND NEIGHBORHOOD: * see also Cities,
Community

K	The neighborhood and its people	186	119-123
K-3	Neighborhood interests	425	21-22 46 56 97-99.
1	How does the immediate neighborhood contribute to our well being	491	86-87
1	Life in the immediate neighborhood	303	45-61
1-2	The neighborhood	509	111-116
1-3	Our neighborhood	118	22-28
2	How our neighborhood is protected	498	178-179
2	How our neighborhood secures food, clothing, and shelter	498	175-177
2	How we can use the facilities of our neighborhood for learning	498	182-183
2	The immediate neighborhood as a whole	284	pni
2	Knowing our neighbors	120	141-144
2	The neighborhood	129	2
2	The neighborhood	467	33-36
2	The neighborhood in general	174	1-2
3	The immediate neighborhood as a whole	284	pni
3	Working neighbors--afar	416	26-28
3	Working neighbors--near	416	23-25
3-4	The neighborhood--specific phases	284	pni
4	Exploration in their own neighborhood	605	352-360
4	How did interest in the new world result in the forming of a new nation?	491	130-143
4	Our neighbors--north and south	191	23-34
4-7	Our European neighbors	426	31-34 54-57 155-184 268-271
5	Getting acquainted with our neighbors	129	4
5	How our northern neighbors have developed their industries	170	102-107
5	How our southern neighbors live and work	170	108-114
5	Our nearest neighbors	396	7 15-20
5	Our neighbors, north and south	152	115-119
5	Our North American neighbors	510	pni
5	Our northern neighbors	391	321-322
5	Our southern neighbors	391	322-323
7-8	Neighbors	208	35-37
7-8	Neighbors of the world	255	47-53
gni	Life in the neighborhood	400	35
NETHERLANDS: † see also Belgium, Europe, Holland			
3	Life in the Netherlands	743	1-39
4	Polder farmers of Netherlands	114	22-23
4-7	The Netherlands - a low temperate region	426	77-78
5	A trip to the Netherlands, Germany, Switzerland, and France	433	57-66
5	A trip to the Netherlands, Germany, Switzerland, and France	437	64-75
6	Netherlands, Belgium, Denmark	171	54-57

NEW ENGLAND: † see also States, United States

4	Some peoples of the seacoast, New England, Newfoundland, and Norway	157	49-50
4-6	New England states	391	307-308
5	The geography of that part of our country which was settled first	396	3 22
5	How New Englanders have become a manufacturing and a maritime people	170	55-58
5	How so many people in the New England states make a living	200	152-161
5	How the New England colonists lived	170	68-74
5	The New England region	510	pni
5	The New England states	114	43-45
5	New England states	260	55-58
5	New England states	321	138-146
5	The New England states	488	663-666
8	Life in the New England states and the great westward movement	302	24-29

NEW JERSEY: see States

NEW MEXICO: see States

NEW WORLD: † see also America, North America, South America, United States

4	Desire of Europeans for trade and adventure lead to the discovery of the New World	197	80-86
4	Founding of settlements in New World	197	89-92
5	England settles in the New World	132	133-158
5	The European nations search for wealth in the New World	132	97-131
5	Growth of the New World; Canada, Newfoundland, Mexico, Caribbean region, South America	202	pni
5	How and why nations explored the New World and why England came to control most of the new land	396	4 22
5	A new nation in the New World	606	162
5	Peopling the New World	606	162
5	Peopling the New World	619	26
5	The race for wealth in the New World	619	26
5	The search for new routes to the Far East leads to the discovery of a new world in the west	132	81-96
6	How Spain lost control of the New World	171	111-114
6	Man's reaction to the New World	391	341
6	New ideas in the New World	200	239-251
6	New nations in the New World	197	206-208
6	The Old World finds the New	200	230-238
8	Discovering and exploring a New World	442	44-47
8	Europeans settle in the New World	152	208-210
8	Europeans settle in the New World	302	9-13
8	Settlements in the New World	246	1-5
gni	The New World	400	62

NEW YEAR: see Holidays, Special Days

NEW YORK STATE: † see also States, United States

4-7	The finger lakes region of New York state	426	104
4-7	First settlements in New York state	426	97-98
4-7	Important events and noted people in the history of New York state	426	106-108
4-7	The mountain section of New York state	426	100-102
4-7	Western New York state	426	102-104
5	The geological history of New York state	241	40-46
5	New York and Delaware bay region	510	pni
5	New York state	260	49-52
5	A unit of work on New York, New Jersey, and Pennsylvania - (commercial and industrial)	518	388-390

NEW ZEALAND:

5	Social development of Australia and New Zealand	492	21
5	The spread of civilization eastward and westward - to Australia and New Zealand	492	19-21
6	Australia, New Zealand, and the South Pacific Islands	619	28
7	Australia and New Zealand	277	101-109
7	Australia, New Zealand, and the Pacific Islands	391	359

NEWFOUNDLAND: see Canada

NEWSPAPER: * see also English, Paper, Printing

1	Newspaper	308	15
1	Publishing our newspaper	330	373-374
1	Selecting articles for the school newspaper	207	83-84
1-7	Developing periodicals	514	473-474
1-8	School newspaper	602	145
2	The Happy Hour newspaper	120	107-111
2	Newspaper	308	23
2	The newspaper	404	160-163
2	A newspaper	443	196-202
2	Newspaper - newsstand, news truck	765	1-13
2	Printing a newspaper	629	103-108
3	Classroom library to modern newspaper	604	584-593
3	Third grade newspaper	308	27
4	Current events	308	29-30
4-7	Making a school newspaper	486	56
5	Newspaper	308	36-37
5	Our newspaper	308	37-38
5	A triweekly paper	618	284-285
6	Current events unit	308	30-31
6	A newspaper	119	19-21
6	The newspaper	624	114-120
6	The school newspaper	264	373-375
6	The school newspaper	330	269-274
6	School newspaper	331	196-198
6	The sixth grade herald, (incorporated)	603	66
			70
7	The newspaper	242	228-246
7	A school newspaper	613	203-206
7-8	A first edition - newspaper	620	61-82
8	Current problems	302	98-103
8	The newspaper	799	1-17

NEWSPAPER: continued

8	Seeking more information about interesting subjects (reporting)	179	671-673
gni	How to recognize propaganda	210	154-165
gni	Newspapers - The Glenridge Beacon Light	243	34
gni	Reading the bulletin boards, newspaper clippings, school magazine, and other records	341	76
gni	Recognizing the use of propaganda	263	252-273
gni	Reproduction of a colonial newspaper	615	100
gni	School newspaper	623	317-345
gni	Selling news	516	12-13

NILE: † see also Egypt

4	The people of the Nile	468	230-238
4-7	The Nile valley	426	196-197
6	Early farmer of the Nile	446	152-153
6	A study of the Nile	641	60

NOMADS: see Sahara Desert

NORTH AMERICA: † see also America, Canada, Mexico, New World, United States

4	Why England came to own most of North America	197	100-103
4-6	North America	391	307
5	The Europeans make homes in North America	158	19-21
5	Great rivers and valleys of North America	282	25
5	How Europe found and explored America	244	81-88
5	How people work and play in North and South America	620	35
5	How the Old World came to find the New	152	83-88
5	North America	446	126-147
5	North America	624	108-111
5	North America as a whole	132	80-218
5	Our neighbors north and south	619	26
5	Present day North America and her neighbors	244	104-112
5	The search for a new route to the east and the discovery of North America	396	3
5	What adaptations did the Europeans make when they came to America	110	55-60
5-6	North America	509	141-178
6	North America as a whole	413	2-6
7	The struggle for control of North America	391	363-364
8	Europeans find the red man's continent	152	207-208
8	Expansion of the Old World into the New and the ensuing struggle for the possession of North America	405	30-32
8	The struggle for North America	246	6-8
gni	Life in North America	400	63-64

NORTH CENTRAL STATES: † see also Geographical Regions, United States

5	Cities of the north central states	158	65-68
5	The north central region	260	72-73
5	North central states	321	112-120
5	The north central states	506	48
6	Life and development of the north central states	336	245-249

NORTHLAND: ? see also Cold Countries, Polar Regions;
also names of countries, as Norway

3	Life in the northland	418	88-94
3	The people of the far north	166	pni
4	Cold regions of the northland by the sea:		
	Northern Norway, Lapland	152	63-64
4	The far north, and the far south	157	33-34
4	The northmen	202	pni
4-7	Lands by the sea to the north	426	79-80
6-8	Influence of northern peoples	523	111-115

NORTH SEA: ?

6	North Sea countries or the low countries	399	4 15-16
6	The small North Sea countries	114	57
6	The small North Sea countries	322	58-66

NORTHWEST: † see also Geographical Regions, States,
United States

4	The Pacific Northwest	284	pni
5	Life in the Northwest including Alaska, the lumberman, the fisherman, the miner	387	15-19
6	The Northwest	334	pni
gn1	The conquest of the Northwest	400	79

NORWAY: † see also Cold Countries, Northland,
Polar Regions, Seacoast

3	Norway and Sweden	196	42-45
3	Norway and Sweden	199	93-90
3-5	Norway	401	25
4	Cold regions of the Northland by the sea:		
	Northern Norway, Lapland	152	63-64
4	Erosion and the fiords of Norway	468	89-95
4	Farmer fisherman of Norway	114	2.
4	How people live in a mountainous country on the seacoast Norway	326	91-97
4	Norway	312	55-63
4	Norway - a northland by the sea	446	113
4	Norway and Sweden	339	57
4	Some people of the seacoast New England, Newfoundland, and Norway	157	49-50
6	The North Sea countries	396	23
6	Norway and Sweden	132	829-853
6	Norway and Sweden, the land of seamen	619	26
6	Norway, Sweden, Denmark, Russia, and countries of the northeast	202	pni
6	A Norwegian fishing village	381	49-51
6	Scandinavian countries, Norway, Sweden	171	58-61
6	The sea-going Norsemen - Norway, Sweden, Denmark	152	157-162
6	The sea-going Norsemen - Norway, Sweden, Denmark	606	162

NUMBERS: see Arithmetic

NURSE: * see also Diseases, First Aid, Health,
Hospital, Medicine

1	The trained nurse	130	6
2	Nurse	130	4
2	School nurse	104	14

NURSE: continued		
2 The trained nurse	130	7
NURSERY RHYMES: see Mother Goose		
NUTRITION: see Food		
NUTS: * see also Food		
4-6 Nuts (Georgia)	122	1-12
6 Fruits and nuts	462	22-26
6 Fruits, grains, vegetables, nuts, etc.	461	pni
gni Walnut industry in California	287	1-48
OCCUPATIONS: * see also Industry; also names of occupations as Agriculture, Police		
1 Typical existing social occupations	622	315-316
1-6 Working	610	250-255
2 Occupations	619	25
2-3 Occupational and industrial life of early Americans	523	35-37
3 Occupations	131	233
3 The occupations and industries of Sacramento	431	19-27
3 Occupations and industries of Sacramento	435	22-36
5 Climate and occupation	332	182-183
7-8 The manufacturing and mechanical occupations	421	1-28
8 Earning a living in our country	613	213-217
8 My vocational interests and aptitudes	614	30-35
gni Careers	176	112-115
gni Earning	623	299-301
gni Farm service occupations	635	172
gni Industrial, vocational, and pre-vocational activities	633	43
OCEAN: ? see also Sea Life, Ships, Water		
3-4 A study of ocean life	115	76-81
4 Ocean voyagers	114	86-87
6 World winds and ocean currents	332	197-198
7-8 The Atlantic Ocean	208	39-40
OHIO: † see also States		
2 How the Indians lived in Ohio	603	65
6 How Ohio was settled	603	66
6 Our state - Ohio of today	603	66
6 When Indians lived in Ohio	603	70
8 The industries of Ohio	603	66
OIL: * see also Fuel, Gas, Heat, Natural Resources		
3 Oil industry	129	3
5 A fifth grade unit on oil and its uses	441	37-40
5 The oil industry	381	45-46
5-6 Oil	460	pni
6 Resources and industries, coal, iron, and oil	262	293-301
7 Power: water, coal, oil, etc.	603	70
7-8 Petroleum	422	5-7
gni Ice, coal, and oil	516	19
gni The petroleum industry	286	1-199
OKLAHOMA: † see also States, United States		
4 Oklahoma, past and present	391	312-316
6 Oklahoma history	391	343

OKLAHOMA: continued

8	Geography of Oklahoma	392	39-51
8	History and early government of Oklahoma	391	399
8	Oklahoma history	392	52-63

OLD WORLD: † see also Asia, Europe, Orient, History, Middle Ages

6	How new ideas have changed the Old World	104	22
6	Old World finds the New	197	194-197
8	The Old World and the New	405	27-29

OLYMPIC GAMES: see Sports

ORCHESTRA: * see also Music, Rhythms

1	The toy orchestra	230	pni
1-7	Participating cooperatively in instrumental groups, as toy bands, harmonica bands, and orchestras	514	420-421
2-6	Toy symphony orchestra	384	36-38

ORIENT: † see also Asia, China, India, Japan

4	The Orient	375	7-50
5	Manchuria boomland of the Orient	381	47
5	A trip to the Orient	433	37-46
5	A trip to the Orient	437	37-47
6	Independent countries of the Orient	114	58
6	The Near East	132	501-525
6	The Orient, Chinese Republic, Empire of Japan, India, and Ceylon	619	28
6	What environmental influences have caused conflicts among the oriental countries	110	118-120
6	What environmental influences have caused conflicts among the oriental countries	111	138-141
6	What the Orient (China, Japan, and India) has contributed to the Occident	152	142-149
6	What the Orient (China, Japan, and India) has contributed to the Occident	606	162
7	Oriental civilizations	405	7-8

ORINOCO:.. see South America

OUR COUNTRY: see America, United States

OXYGEN: see Air

OYSTER: see Fishing

PACIFIC COAST: † see also California, Geographical Regions, United States

4-6	Pacific Coast states	391	309-310
5	The Pacific Coast	260	67-68
5	Pacific states	488	676-678
5	Plateau states, Pacific states	197	130-134
6	Life in the Pacific states	336	256-259

PAGEANTS: see Theater

PAINTING: see Art

PALESTINE: † see also Geography, Orient

3	Life of the early Hebrews	749	1-55
3	Palestine	182	102-104
4	Life in ancient Phoenicia and Palestine	251	29-31

PALESTINE: continued

4	Life in ancient Phoenicia and Palestine	606	170
4-7	Palestine and the Hebrews	426	212-213
6	Creative play of Hebrew life	605	512-513
6	Hebrews	446	153-154
6	Hebrews	605	103
6	Phoenicians	605	103
6	Syria and Palestine	413	127-129

PANAMA CANAL: * see also United States

4-7	Mexico, Central America, Panama Canal Zone and the West Indies	426	144-150
5	Panama Canal Zone	260	78-79
6	How Panama became a world highway	119	15-17

PANHANDLE: see Texas

PAPER: * see also Books, Newspaper

1	Cutting and tearing paper	207	99-100
3	Paper	775	9-21
4	Making paper	641	148-150
4	Paper	121	65-66
4	Paper	183	102-103
4	Paper making	381	41
4-6	Paper	122	1-9
4-7	Making paper	467	55
4-7	Parchment	486	55
6	The school paper	439	37-39
7	A visit to a paper mill	181	pni
gni	Paper	640	264
gni	Paper making	273	107
gni	Paper mosaic	273	102-103
gni	Paper making in China	286	1-51

PAPYRUS: see Paper, Plants

PARCHMENT: see Paper

PARKS: * see also Community, Recreation

K	Park	515	102
1-3	The park	446	25
2	Our parks and our zoo	310	67-75
2	Our parks and our zoo	320	76-85
2	The park	172	26-29
2	The park	282	7
2	The park	316	143-150
2	The park - zoo - or playground	174	28-34
2	Parks	325	57-61
2	Parks	753	1-12
3	City park conservatory	380	30
4	California national parks	605	101
4	The county park	446	100
4	National parks and forests	145	69-87
4	Parks and playgrounds in California	129	4
5	Our national parks	233	1-7
7-8	State and national parks and monuments	453	1-122
gni	Providing and using parks and playgrounds	263	321-341

PARTY: * see also Birthdays, Christmas, Games,
Hallowe'en, Holidays, Special Days

K	A party	325	16
---	---------	-----	----

PARTY: continued

K	A party, attending one	186	97-100
K	A party, giving one	186	130-135
K-3	A birthday party	334	pni
1	Party	337	31-33
1	Playing host for a party	207	108
1	The school party	332	863
1	Thank you party	256	13-15
1	Thank you party	259	17-20
2	Parties	505	231-234
3	Parties	130	5
3	A Swedish party	334	pni
5	A Japanese tea party	600	323-324
5	Plans for mothers' party	617	4-7
7	How shall we run our school parties	603	66

PASTORAL: see Country (rural)

PENMANSHIP: see Writing

PEOPLE: * see also Cities, Community, Home Life,
School

K-1	Expressing and satisfying spiritual and aesthetic needs	456	26
1	Expressing and satisfying spiritual and aesthetic needs	458	8
1-3	Races of men	446	27-28
1-6	Listing our friends and foes	609	322-325
2	Expressing and satisfying spiritual and aesthetic needs	456	30
2	People	104	15
3	Characteristics of the people	131	237
3	Expressing and satisfying spiritual and aesthetic needs	456	36
3	How are people of other lands like us and how are they different	491	108-117
3	How the rest of the world helps furnish our needs	226	35-54
3	People began to live in one place	240	146-147
4	Expressing and satisfying spiritual and aesthetic needs	456	41
4	Peoples of other lands	446	110-122
4	People of the grasslands	468	261-263
4	What have been the reasons and conditions which led the people of the Old World to enter the New	491	120-129
4-5	People in other lands	523	53-58
4-6	People I know and read about	118	58-62
4-6	Persons	605	354
5	Biography	376	8-58
5	Discovering and exploring paths to happiness	121	117-120
5	Expressing and satisfying spiritual and aesthetic needs	456	47
6	Ancient peoples	132	478
			490
			502
			530
6	The earliest civilized people	202	pni

PEOPLE: continued

6	Expressing and satisfying spiritual and aesthetic needs	456	54
6	New peoples and the changes they brought	339	83
6	Other people	444	18
6	What the early people have done for us	202	pni
6-8	Conflict of sectional ideals	525	54-63
7	Distribution of peoples	114	69-70
7	Expressing and satisfying spiritual and aesthetic needs	456	61
7	Race problems in the southwest	502	65-97
8	Caring for the unfortunates	391	396-397
8	The group must be composed of working individuals	221	41-46
8	Group needs and desires impose obligations and responsibilities	270	20-28
8	How our people have grown culturally and intellectually	396	25
8	The individual seeks a place among the groups who work	270	49-53

PERIODICALS: see Newspaper

PERSIA: see Asia

PERSONALITY: ? see also Character

4-6	Personal care and habits	272	78-79
5	Mental habits and personality	332	192-193
gni	How to develop a wholesome personality	210	121-137

PETROLEUM: see Oil

PETS: * see also Animals, Farm, Nature Study, Rabbit, Zoo

K	How to take care of our pets	240	19-20
K	Pets	325	17-19
K-1	Pets	640	251
1	About our pets	482	18-29
1	Care of pets	332	129
1	Caring for our pets	330	366-367
1	Enjoying and caring for pets	629	61-64
1	Experience with pets	630	324-325
1	Farm life - pets	337	23-28
1	How we play with and care for our pets	108	22-29
1	Our pet hen	506	47
1	Our pet shop	120	111-114
1	Our pets and some other animals	603	68
1	A pet shop	619	28
1	Pets	235	1-8
1	Pets	282	4-6
1	Pets	292	1-25
1	Pets	309	37-46
1	Pets	315	72-78
1	Pets	320	7-14
1	Pets	443	51-63
1	Pets	488	1218-1219
1	Pets	619	24
1	Pets	780	1-7
1	Pets and animals	231	11-13

PETS:	continued		
1	Pets and their care	223	39-45
1	Pets in school	505	136-139
1	Pets in the city	636	261-279
1	Pets (taking care of animal friends)	330	423-424
1	A study of pets	274	20-25
1	A study of pets	275	20-26
1	Telling about a pet	207	107
1	We study our pets	603	65
1-2	Pet park	604	20-23
1-2	Pets	620	33
1-3	Care of room pets	604	484-486
1-3	Caring for pets at home and in school	116	97-98
1-3	Our pets	446	23
1-3	The pet show	446	62-67
1-3	Pets	640	175
1-3	Pets, the farm, the dairy, or the circus	447	10-11
1-4	The care of pets	382	25-27
1-6	Caring for our pets	609	409-410
1-6	Comparing our dogs	609	318-321
2	Care of pets	343	pni
2	Care of pets	352	1-10
2	Contribution of the arts to the study of pets	332	380-384
2	Our pets	284	47
2	Pet shop	380	27
2	Pets	104	14
2	Pets	505	239-243
2	Pets and their care	339	39
3	Care of white mice	644	7
3	Dogs	605	100
3	Pets	386	13
3	Pets	605	100
4-7	Keeping pets	486	53
5	How to make pets comfortable	488	1270-1271
gni	Pets	644	90-99
PHILIPPINES:	† see also Possessions, United States		
3	Children of the Philippines	339	48
3	Filipinos	619	25
3	How people adapt their ways of living to climatic conditions - how the Filipinos live	226	27-34
3	Philippine Islands	131	137-160
4	Life in the Philippines	603	65
4	Study of Philippine geography	410	1-120
5	Philippines	260	78-79

PHOENICIA: see Palestine

PHOTOSYNTHESIS: see Plants

PHYSICAL ACTIVITIES: see Exercise

PICNIC: see Recreation

PICTURES: * see also Art, Drawing, Motion Pictures,
Posters

1	Learning about pictures	207	104
1	Making pictures of cut paper	430	5
1	Picture booklets	604	620
1-6	Photography	630	425-433
1-7	Framing or mounting pictures	514	328
1-7	Hanging pictures	514	328
1-7	Studying pictures	514	326-327
2	Making pictures of cut paper	430	90
3	Pictorial representation and stories	131	227-229
7-8	Photography	622	224-233

PILGRIMS: ? see also Colonial Life, Thanksgiving

2	Pilgrim children	339	38
2	Pilgrims	340	63-66
3	The story of the Pilgrims	418	20-26
4	The Pilgrims	445	82-93
5	The Pilgrim story	285	pni
6	How the Pilgrims and Puritans made homes in New England and life there today	336	228-234
8	Age of the Puritan and Pilgrim fathers	427	13-18
gni	The Pilgrims and early life in the colonies	400	73-74

PILOT: see Airplane

PIONEER: ? see also Frontier, Pilgrims, Westward
Movement

1-3	Pioneer American life	446	28-29
3	A fort in pioneer times	325	119-120
3	House pioneer and present	325	92-95
3	How pioneer and colonial man met his physical needs	320	99-111
3	Local and pioneer history	402	29-32
3	The local pioneer	488	913-915
3	A pioneer family	325	87-88
3	Pioneer life	104	16
3	Pioneer life	298	1-37
3	Pioneer life	325	83-86
3	Pioneer life	327	90-96
3	Pioneer life in Delaware county	337	105-117
3	Pioneer life in South Dakota	488	1388-1398
3	Pioneer social life	325	88-92
3	Some possible science contacts in the study of pioneer life	325	104-108
3	Travel and the mail in pioneer days	325	118
3	What the Indians taught the pioneers	325	107-108
3-4	Providing the necessities of life in the pioneer community	213	47-56
4	Days of '49	446	105-107
4	The Gold Rush and early pioneer life	386	57-58
4	How the first pioneers met conditions in the New World	169	11-16
4	How the pioneers lived	244	28-33
4	How the pioneers moved westward to the Mississippi	169	24-30
4	Landmarks of pioneer days	145	32-45
4	Living with American pioneers	630	310-311

PIONEER: continued

4	Other pioneers in American history	510	pni
4	The pioneer	242	127-147
4	Pioneer days	507	35-36
4	Pioneer days in California	605	101
4	Pioneering long ago	444	16
4	Pioneering today	444	16
4	The pioneers	381	22-26
4	The pre-pioneers - Spanish explorations in the West	510	pni
4	Unit on story of Daniel Boone	518	348-349
4-5	Early trail days in Wyoming	524	117-120
4-6	Discovering how early pioneers were able to provide their own necessities	116	157-158
4-6	Discovering recreational and educational facilities of pioneer days	116	179-180
4-6	Life of our early settlers and pioneers	272	62
4-6	Pioneers	180	40-42
5	Daniel Boone	634	146-151
5	How the pioneer first settled the land, beyond the Appalachians	188	67-90
5	How the pioneers moved across the continent into the Far West	188	121-138
5	How the pioneers moved westward	156	1-110
5	Life of the pioneers	104	20
5	Living in a primitive log cabin	603	70
5	Living in North America (pioneer times)	233	1-9
5	Pioneer leaders in the settlement of the wilderness	114	105-107
5	Pioneer life	446	126
5	Pioneer life	491	44-45
5	Pioneer life	605	102
5	Pioneer life	631	139-140
5	Pioneer life	641	60
5	Pioneer life in America	129	4
5	Pioneer life in Iowa and Des Moines	188	93-118
5	The pioneer story	285	pni
5	Pioneers, America's	282	23-24
5	Pioneers move westward	129	4
5	The story of the American pioneer	189	73-193
5	Ways of living with the pioneers	179	98-104
5-6	Pioneer life	448	1-68
6	Early American pioneers and pioneer movements	262	285-292
6	How the pioneers lived and worked and built up a nation based upon a political experiment	488	1056-1063
6	Our American pioneers	603	70
7-8	The trail of the covered wagon	208	30-32
gni	Pioneer life in Nebraska	400	72

PLANETARIUM: see Heavenly Bodies

PLANTATION DAYS: see Colonial Life

PLANTS: * see also Flowers, Fruit, Gardening, Seeds, Trees, Vegetables

K	Living things are different from things that are not alive	240	12-14
---	--	-----	-------

PLANTS: continued

K	The origin of plants	480	16-19
K	Plants	129	1
K-3	Plants	272	41-42
1	Care of plants at home and school	343	pni
1	Food from plants and animals	240	52-53
1	Green plants need sunlight and water	240	50-51
1	Influence of spring on plant and animal life and gardening	223	63-68
1	Planning scenes for picture show of "The Three Goats"	207	80-81
1	Plant life	488	1210-1212
1	Plants that clothe us	332	119-120
1	Root plants	340	17-19
1	Where plants and animals live	223	53-58
1-2	Care of plants at home and school	351	1-9
1-3	Caring for plants in home and school	116	96
1-3	The home or community (flowers, trees, plants, shrubs, seeds, vegetables, etc.)	447	17-18
1-3	How plants get food	621	100
1-3	How seeds are scattered	621	100
1-3	Plant life in art	118	34-38
1-3	Plants (autumn, winter, spring)	117	161-163
1-3	Plants and seasonal change	621	100
1-3	Where plants and animals live	621	100
1-4	Plants and wild flowers	382	45-48
1-4	Plants, animals, birds, and insects - how helpful or harmful	382	48-53
1-6	Examining the plants as winter approaches	609	221-223
1-6	Finding by experiment and observation what becomes of the seeds	609	170-172
1-6	Growing tiny plants and animals	609	352-355
1-6	Running a plant-growing race	609	381-383
1-6	Saving seeds for planting	609	173-175
1-6	Starting plants for our home garden	609	392-394
1-7	Handling plants out of their natural environment	514	450-451
2	Essentials to plant growth	225	52-56
2	How plants reproduce themselves	240	94
2	Plant life	488	1230-1232
2	Plants and animals awaken from their period of inactivity	488	1239-1240
2	Plants are sensitive to certain conditions	240	97-98
2	Plants in spring	340	81-82
2	Plants vary in their preparation for winter	332	140
2	Some plants and animals live in water	240	89-93
2	Some plants that are not green	240	95-96
2-3	Plant life	486	6
3	The economic value of plants and animals and how we protect them	226	74-84
3	How we are dependent on the adaptation of plants, animals, and man to physical environment in both hot and cold lands	108	184-191
3	Our plant friends	519	24-33
3	Plants	386	12
3	Several different methods of reproduction	488	1241-1242
3	The smallest plants and animals	332	154-155

PLANTS: continued

4	Adaptation of animals and plants to environment	640	252
4	Animal and plant life	619	26
4	Economic aspects of plant and animal life	640	252
4	Factors influencing plant growth	488	1264-1267
4	Garden plants, wild flowers, and weeds	168	29-38
4	Green plants make their food	241	10-12
4	How plants and animals help man	176	160
4	How plants get what they need	241	5-9
4	How plants grow	241	5-17
4	Native plant and animal life	619	25
4	Plant adaptations for securing food	332	161-162
4	Plant and animal life	104	19
4	Plant life	488	1253-1255
4	Plants and animals are inter-dependent	241	33-36
4	The relation of plants to their environment	109	16-20
4	Reproduction in plants	332	162-164
4	Trees, plants, and shrubs	447	43-44
4-6	Plants (autumn, winter, spring)	117	162-164
4-6	Plants	272	71-73
4-6	Utilizing plants for man's clothing	116	160-161
4-6	Utilizing plants for man's food	116	158-159
4-6	Weeds	369	1-10
5	The adaptation of plants and animals and man's dependence on these adaptations	109	62-67
5	The balance in nature maintained by plant and animal life	387	32-36
5	Garden plants, wild flowers, and weeds	168	65-73
5	Habits of plants and animals	640	252
5	How plant and animal life are important to the United States	387	28-36
5	Improving plant life	330	213-220
5	Improving plant life	331	166-170
5	Interdependence of plants and animals	332	177
5	Nature study-plant life in general	262	268-272
5	Plant life	488	1269-1270 1283-1288
5	Plant life and its importance to man	387	28-32
5	Plants live and grow and are used	282	24-25
5-6	Conserving our plant life	739	10-31
6	The development of plant life: flowering green plants	241	110-111
6	The development of plant life: green plants, liverworts, masses and ferns	241	107-109
6	The development of plant life: new plants and animals	241	112-115
6	Garden plants, wild flowers, and weeds	168	103-108
6	Green plant and animal life begin on the earth	241	103-106
6	Growth, maturity, and reproduction of plants	640	252
6	Plant life	488	1288-1290
6	Plant life in ancient Egypt, grains, papyrus, date palms, etc.	447	111-112
6	Plants that are not green	241	98-102
6	The story of plants	441	64-66
6	Weeds as pests	235	1-5

PLANTS: continued

7	Animals and plants struggle for the necessities of life in a changing world	253	49-58
7	Better plants and animals	332	210-211
7	Factors determining the economic importance of plants to man	276	65-70
7	Flowering plants, their propagation and effect on life	276	72 60-61 69-71
7	Helpful plants	276	91-92
7	Injurious plants which affect man's health	276	88-91
7	Medicinal plants	276	63-64 69-71
7	Photosynthesis	332	212-213
7	Plant and animal parasites	332	211-212
7	Plants and their distribution in the United States	276	64-65 69-71
7	Plants that furnish us nearly all of our drugs	276	92
7-8	The nature of plant life and its relationship to man and his environment	394	1-20
8	Adaptation of plants and animals	606	160
8	Geographical distribution of plants	332	228-229
8	Plant friends and plant enemies	406	48-51
8	Plant products and Pennsylvania forests	406	29-35
gni	Better plants and caterpillars	516	16-17

PLASTER OF PARIS: see Art

PLATEAU STATES: ? see also Geographical Regions, United States

4-6	Plateau states	391	309
5	The great plains	416	65-67
5	The plateau states	488	673-676
6	Life in the plateau states	364	250-255
7	Countries of the dry southwestern plateau region	391	357
7	Countries of the northern plains and uplands	391	356-357

PLAY: see Playing

PLAYGROUND: * see also Community, Games, Park, Recreation

K	Playground in the woods	607	208-209
1	Playground	380	19
1-2	The school and playground	509	25-27
1-3	The public playground	446	26
2	The park, zoo, or playground	174	28-39
4	Parks and playgrounds in California	129	4
5	Enjoying playgrounds of the United States	629	198-200
5	Playgrounds of North America	282	25
6	Improving the playground	308	39-40
gni	Providing and using parks and playgrounds	263	321-341

PLAYHOUSE: * see also Dolls, Games, Recreation, Toys

K	Building a playhouse		
K	How the family lives and works - our playhouse (Language arts experiences)	222	7-13
K	How the family lives and works - our playhouse (Science experiences)	222	24-31

PLAYHOUSE: continued

K	Our playhouse	283	pni
K	The playhouse	186	82-88
K	Unit on the playhouse	404	1-23
1	Building a house and playing in it	720	10-22
1	Building a playhouse	750	1-43
1	Building and furnishing a playhouse in the first grade	604	69-101
1	Building playhouse	760	1-21
1	Can we have a playhouse	603	68
1	Making a stove for the playhouse	604	476-478
1	Our happy playhouse	720	23-28
1	Our playhouse	506	47
1	Papering the walls of a playhouse	618	104
1	The playhouse	186	136-155
1	The playhouse	231	9-11
1	The playhouse	332	863-865
1	Playhouse unit	603	58
1	The use of the arts in the activities of the playhouse	332	361-365
1	Working and playing in our playhouse	498	66-70
1-2	Making a playhouse to keep dolls	117	195
1-3	Furnishing a playhouse	604	498-502
			510-512
1-3	A playhouse	640	175
3	The playhouse	207	49-55
4	Making and furnishing a Chinese house large enough to play in	641	134-138
5	Building a log cabin large enough to play in	641	173
			220-226
gni	The playhouse	628	401

PLAYING: * see also Dramatizing, Games, Recreation, Sport, Stories

K	Outdoor play and excursions	611	97-98
K	Playing with the leaves	629	46-47
1	How we learn to play and work together at school	498	174-175
1	How we play at home and at school	498	172-173
1	Living and growing through play	120	73-77
1	Play in the city	636	296-308
1	Playing a safety game	207	107
1	Playing "bean bag toss"	207	80
1	Playing "Good Morning"	207	131
1	Playing in response to a nursery rhyme	207	136
1	Playing "ring toss"	207	79
1	Playing the game "How do you do my partner"	207	106
1	Playing with a ball	207	132
1-6	Playing	610	194-200
1-7	Playing	514	500-501
2	How the children of our neighborhood play together	498	180-181
4	Creative play in a Chinese unit	605	511-512
4	How the children of differing communities play	498	197-198
6	Creative play of Hebrew life	605	512-513
7	Our kite tournament	332	661-663
gni	Play and leisure time activities	633	44

PLAYS: * see also Dramatizing, Marionettes, Puppet, Theater

1	Plays and games	315	43-48
1	Plays and games in the home	315	35-42
1	A suggestive guide in thinking through a play	417	33-34
1-3	Planning and giving a play, "The Three Billy Goats Gruff"	604	479-481
2	An original play	608	151-168
gni	Play production	623	239-240
gni	Shadow play	623	244-246

POETRY: ? see also English, Literature, Mother

	Goose, Rhymes		
1	Copying favorite rhymes and poems	207	111
1	Interpretation of a poem	207	135
1	Poetry appreciation	308	13-14
1	A poetry unit	308	11-12
1	Snow poems	308	14-15
1	Trees in poetry	308	12-13
3	Original poems	608	267-271
3	Writing of poems	644	7
4	The study of poetry	110	50-51
4	Suggestions for teaching the poem "October's Party"	274	43-44
5-8	Creative verse writing	711	1-26
6	Poetry	166	pni
gni	Poetry	176	103
gni	Poetry and dramatic expression	307	31-33

POLAND: † see also Europe

6	Baltic countries and Poland	413	109-110
6	Poland	619	28
6	Poland and Free City of Danzig	171	70-71
6	Russia, Poland, Finland, and the three Baltic republics	132	914-959

POLAR REGION: ? see also Alaska, Cold Countries, Lapland, Greenland, Northland, Norway, Sweden

3	Polar regions	605	100
4	The Byrd Antarctic Expedition	725	1-48
4	Byrd's Antarctic Expedition	625	62-63
4	The coldest places in the world	312	64-71
4	How people live in the cold lands within or near the polar circle	396	21
4	Our trip to the polar regions	197	94-96
4	The polar explorations	339	56
4	Polar lands - north and south	339	57
4	The regions near the pole	416	46-47
4	Travel by airplane seeing the polar regions	152	72-79
4-6	Life in polar regions	272	57-59
4-7	Explorers and discoverers of polar regions north and south	426	83-85
4-7	Polar regions north and south	426	80-82
6	The polar regions	114	58
6	The polar regions	413	145-147
7-8	Traveling to the poles	208	40-41
gni	Life in the far north	400	80

POLICE: * see also Citizenship, Civics, Community,
Safety

K	The policeman	481	100-105
1	Policeman	130	6
1	The policeman	636	418-430
1	The village policemen and the jail	603	65
1-3	Policeman	603	92
1-3	Policemen and firemen	640	175
2	Community helpers: the policeman (a sample unit)	203	1-5
2	How our neighborhood is protected	498	178-179
2	Patrolmen	104	14
2	The police department	257	18
2	Police protection	782	1-10
2	Police protection in our city	325	48-53
2	Policemen	104	14
2	The policeman	130	7
2	The policeman	231	25-26

POLITICS: ? see also Cities, Government, States,
United States

5	Leaders in political and scientific life since the Civil War	114	113-115
8	Parties and presidents since 1897	391	388-389
8	Political development	254	76-82
8	The rise of political parties	391	373-374
8	Some political, social, and industrial problems	488	633-644

POND LIFE: * see also Aquarium, Fishing, Insects,
Nature Study

1	Fish pond	115	74-76
2	Life in a pond	240	89-90
2	Seashore life differs from pond life	240	91-93

PORTUGAL: see Europe, Spain

POSSESSIONS: ? see also United States, also names
of possessions, as Hawaii

4-7	Island possessions of the United States (geography)	426	150-152
4-7	Island possessions of the United States (history)	426	152
5	How the people of our possessions live and work	170	95-101
5	Our distant possessions	391	318-321
5	Our island possessions in the Pacific Ocean	158	81-85
5	Our outlying possessions	321	147-163
5	Possessions of the United States	197	151a-151d
5	Possessions of the United States	339	67
5	Possessions of the United States	488	681-683
6	Our possessions - their value and our responsibility	190	282-287
6	Portuguese possessions	413	140
6	Ways of living in the possessions of the United States	179	160-171
7	Outlying possessions	254	22-25

POST OFFICE: * see also Airplane, Civics, Communication, Community, Mail

K	A described unit of work on the post office	185	37-40
K	The journey of a letter	515	113-121
1	Conducting a post office	629	65-71
1	Our post office	506	47
1	Playing post office	207	85-86
1	Playing post office	330	383-384
1	Post office	105	24
1	Post office	130	2
1	The post office	207	70-72
1	Post office	256	45-48
1	Post office	619	24
1	A post office project	256	46-48
1	The post office unit	643	52
			82
1	The postal service	757	1-20
1	Postman	130	2
1	The postman	636	418-430
1-2	Post office	333	77-82
1-3	The post office	446	25
1-3	Postman	603	92
1-6	The post office	167	5
2	The contribution of the arts to the study of the post office	332	385-388
2	Our post office	166	pni
2	Our post office	330	129-136
2	Our post office	331	89-93
2	Post office	129	2
2	Post office	130	4
2	Post office	139	1-39
2	The post office	174	15-20
2	The post office	186	321-336
2	The post office	242	67-81
2	Post office	275	27-43
2	The post office	282	8
2	The post office	296	1-29
2	The post office	310	48-57
2	Post office	330	425-426
2	The post office	332	877-880
2	The post office	416	12-14
2	The post office	417	78-84
2	The post office	438	29-30
2	The post office	443	147-159
2	The post office	506	47
2	Post office	512	g17-g27
2	The post office	782	17-23
2	A post office unit	308	19
2	Post office unit	438	25-26
2	The postman	231	27-28
2	The postman	625	74
2-3	Post office	604	217
2-3	The post office	630	330-338
3	Letters to mothers and fathers	644	7
3	Post office	115	68
3	Post office	130	5
3	The postman	605	100

POST OFFICE: continued

4	Post office	506	48
5	The post office	373	21-24
5	Stamps and post office transactions	642	311
5-6	The post office	373	11-14
6	A post office activity	119	18-19
7	The postal system of the United States	799	18-28

POSTERS: ? see also Art, Drawing, Handwork

1-6	Making posters	432	S7-S8
1-7	Making posters	514	477
4-6	Art and handwork		
	Making lettered posters warning of hazards and dangers in the school, in the community, or on the highway	272	81
gni	Posters	273	101

POSTMAN: see Post Office

POSTURE: ? see also Body, Health

1	Posture	198	20-21
1-7	Maintaining postures conducive to best physical functioning	514	431-432
2	Posture and exercise	198	33-34
3	Posture	198	46
5	Posture	198	63

POTTERY: * see also Clay, Indians, Pottery

2	Developing pottery and a pottery show	629	94-97
3	Mexican pottery	142	143-147
4	Making rice bowls from a one-piece mold	641	138-140
5	Pottery	605	102
5	Pottery of the nations	613	173-177
gni	Early man of the southwest, the story of pottery	398	pni
gni	Pottery	273	104-106
gni	Pottery and tile	640	264

POULTRY: see Animals, Chickens, Farming

POWER: * see also Electricity, Energy, Inventions,

	Machines, Transportation, Water		
1-6	Study of power and machine	244	229
3	Man finds new sources of power	240	154-157
4-6	Using water power resources	116	165-167
5	Water power and centers of manufacture - some large cities of the northeastern section	158	71-72
6	Power resources of the United States and how we use them	434	9-13
6	Ways of harnessing power	388	23-27
7	The importance of power in our growth	245	6-7
7	An introductory story of power	152	175-176
7	Our power resources and how we use them	129	6
7	Power: water, coal, oil, etc.	603	70
8	The common man rises to power	280	8A25-8A39
8	Increase in power and service of the government to its people	129	7
gni	Using power wisely	263	150-163

PREHISTORIC TIMES: † see also History, Primitive Life

3	Prehistoric man and animal	226	93-98
5	Fossils, evolution, and reproduction	640	252
6	Prehistoric man	605	103
6	What do we know of the mound builders	603	70
7	Prehistoric man	489	1-4
7	Prehistoric times	405	5-6
gni	Prehistoric life	620	33

PRIMITIVE LIFE: † see also Frontier, History, Pioneer, Prehistoric Times, Records

1-3	Primitive man	446	27
1-3	The primitive people of Wisconsin	403	1-3
2	Cave men	130	4
			7
2	Child life in a simple primitive environment	339	38
2	Extinct primitive people	619	25
2	How primitive people lived	781	20-26
2	Primitive life	250	20-21
2	Primitive life	304	14-38
2	Primitive life activity	257	35-37
2	Primitive life unit	257	33-37
2	Primitive people	619	35-48
2	Tree dwellers	130	4
2-3	Primitive peoples	625	135
3	Early man	178	pni
3	How primitive man met his physical needs	320	87-98
3	How primitive people lived	488	915-918
3	Primitive colors and dyes (Mexico)	142	97-101
3	Primitive life	305	13-22
3	Primitive life	307	29
3	Primitive life	619	29
3	Primitive life	625	133
3	Primitive man	260	5-6
3	Primitive man	520	103
3	Primitive man - the tree dwellers and early cave men	418	71-76
3	Primitive people of the past	444	15
3-4	Clothing of primitive man	509	136-137
3-4	Home life in early days (primitive man and his contributions to present-day society)	509	126-128
4	How man first learned to cultivate the soil	488	948-950
4	Primitive culture as developed in hot, dry lands - past and present	512	15-151
4	Primitive man	262	153-157
4	Primitive people living today	444	15
4-6	Examining the religion of primitive peoples	116	197-198
4-6	The primitive arts of Arkansas	118	86-93
4-7	The existence of prehistoric men	426	231
5	A brief story of primitive man and his progress up through the ages	336	79-82
5	Life of the early cave man	381	42-43
6	Early man	402	90-92
6	How primitive man lived and worked	171	3-7
6	Important discoveries made by earliest man	339	81
6	Prehistoric man	132	477-488

PRIMITIVE LIFE: continued

6	Primitive people in the eastern hemisphere	202	pni
6	What we owe to primitive man	510	pni
7	Barbarian invasions	489	23-24
gni	Introduction to industry in primitive history	622	326-330
gni	Primitive life	622	313-315

PRINTING: * see also Books, Newspaper, Paper, Records

1	Stick-printing	207	100
1-8	Printing press	604	621
7-8	Magazine publication	620	82
gni	Block printing	273	111-113
gni	Block printing	341	99

PRODUCTION: ? see also Community, Industry, Theater

K	A successful production for the little folks	481	166-176
2	What do we do in our community to produce goods and services	514	71-75
3	Why can communities markedly different from ours furnish us with goods we cannot produce	514	105-107
4	A study of commodities - rubber, tea, coffee, cocoa, silk, citrus fruits and spices	262	124-134
5	How the production and exchange of goods influences our nation as a community	498	200-202
8	Control of production	113	235-242
gni	Dramatic writing and production	243	35

PROGRAMS: * see also Christmas, Dancing, Drama, Easter, Fair, Festival, Hallowe'en, Holidays, Memorial Day, Mother's Day, Music, Party, Safety, Thanksgiving, Valentine's Day, Washington

1	Assembly programs	771	13-23
1	Making up programs for assembly	207	120
1	A program for the Mexican mothers	604	314-323
1	The puppet show	604	323-329
1-6	Developing programs	432	S20-S21
1-7	Developing programs	514	499-500
4-6	Enriching our lives through the school assembly	116	196-197
4-6	Thrift, a regular auditorium project	600	314-315
gni	An assembly program	628	405

PROPAGANDA: see Newspaper

PROTECTION: * see also Safety

1	How we are protected at home and at school	498	170-171
1-3	Protecting life from accidents	329	85-91
1-3	Protecting life from accidents in home, school, and community	116	83-89
1-3	Public protection	446	26
1-7	Protecting one's self and others from accidents	514	433
2	How do we in the community protect our life, health, and property	514	65-71

PROTECTION: continued

2	How our homes are protected	320	47-54
2-3	Protecting property from loss by fire and flood	329	81-85
2-3	Protectors of health and property	486	5
3	How do people, plants, and animals in communities with physical environment markedly different from ours protect themselves from forces of nature	514	96-102
4	How does frontier living affect the protection of life, property, and natural resources	514	133-135
4	Protective habits	198	51-52
4-6	Protecting life from accidents	116	139-141
6	Means of protection and defense	388	74-76
6	Protection of life and health	388	46-48
7	How do social and governmental agencies protect and conserve life, property, and natural resources	514	266-277
8	Protecting life and property	391	394-395
gni	Providing protection for old age, sickness, and accident	263	183-199

PUBLIC: see Cities, Community, People, School, Work

PUERTO RICO: see West Indies

PUPPET: * see also Handwork, Marionettes, Plays

K	Puppet show: "The night before Christmas"	628	279-280
1-2	Puppet show	370	48
1-5	Making of puppets, movies, shadow plays, and peep shows	341	89-93
1-6	Giving shadow shows, puppet shows, and marionette performances	432	16-17
1-7	Constructing peep shows and miniature scenes	514	485
1-7	Giving shadow shows, puppet shows, and marionette performances	514	485-487
1-8	Mitten puppets and marionettes	496	143-151
2	A puppet show	230	gni
2	Puppet show	380	27
2	A puppet show	608	89-107
3	Puppet show	380	35
4-7	Puppet show	486	54-55
5	A puppet show	330	245-249
5	Puppet show	643	154
6	Making and operating a puppet show	603	66
gni	Puppetry	623	242-243

PURITAN: ? see also Colonial Life, Pilgrims

1-6	The Puritan	491	75
6	How the Pilgrims and Puritans made homes in New England and life there today	336	228-234
8	Age of the Puritan and Pilgrim father	427	13-18

PYRAMIDS: see Egypt

QUILT: see Textiles

RABBIT: * see also Animals, Pets

K	The study of a rabbit (or substitute any animal)	480	13-15
1	Peter rabbit	506	47
1	The rabbit as a schoolroom pet	207	58-61
1-6	The rabbit and chicken business	167	28

RACIAL GROUPS: see People

RADIO: * see also Communication, Dramatization,

	Recreation		
K	Radio broadcast: - station "K.G.M.S."	120	130-133
1	F.G.D. radio broadcast	151	66-68
1	Following radio programs	330	378-379
1	Playing radio announcer	207	107-108
1	The radio	315	100-103
1	Radio station "WEE"	123	20-22
2	Radio	104	15
2	The radio	430	93
2	Radio bulletin	123	24-28
2	Radio shop	380	22-23
4	A visit to an orange grove-radio broadcast	265	123-128
5	Airways, highways, waterways, railways, radio, and mail as connecting ties	384	12-14
5-6	Radio	637	81
			277-278
6	Building a radio	637	81
6	Radio news and trade unite all countries	388	14-16
6-7	The radio enters the classroom	754	1-17
8	The radio	496	108-112
gni	Electricity, gas, radio hazards	338	60-66

RAILROADS: * see also Trains, Transportation

1-6	Transportation - railroads	167	8
2	The street railway	325	44-47
3	Railroad shops	129	3
3	Railroad transportation	510	pni
3-4	Developing and using railroad service	213	70-73
4	A railroad trip through the lower peninsula	190	92-94
4-6	Developing railroad service	116	168-171
5	Airways, highways, waterways, railways, radio, and mail as connecting ties	387	12-14

RAIN: see Weather

RANCHING: * see also Farm, Frontier, Pioneer

3	Life on a cattle ranch	625	122-154
3	Ranch life	311	16-24
4-7	Ranching and dairying	426	116-117
5	How ranchers and miners lived in the great West	170	86-91
6	A rodeo	618	305
7	The American cowboy	488	131-134

READING: † see also Body, Books, English, Libraries, Literature, Plays, Poetry, School, Stories

1	Making a primer	207	55-58
1	Reading	133	183-263
1	Reading in the first grade	495	76-79
1	Reading in the first grade	756	1-12

READING: continued

1-4	Reading cards suggesting an action to perform	341	74-75
1-6	Reading	610	205-206
1-7	Analyzing, interpreting, and evaluating reading material	514	379-380
1-7	Interpreting thought in oral reading	514	382-383
1-7	Using silent reading as recreation	514	383-384
1-7	Using the mechanics needed in reading	514	378-379
2	Our reading hour	264	323-328
2	Reading in the second grade	495	79-80
3	Reading in the third grade	495	81-82
4	Reading in the fourth grade	495	83-84
4-6	Reading	272	82
4-6	Reading	284	pni
5	Reading in the fifth grade	495	84-85
6	Reading in the sixth grade	495	85-86
7-8	Reading in the seventh and eighth grades	495	86-87
gni	Studying and reading	633	44

RECONSTRUCTION: see History

RECORDS: ? see also Books, Communication, Motion Pictures, Newspapers, Paper, Printing, Writing

1	Keeping bird records	330	385-386
1-6	Records	244	234-239
2	How fossils were formed	240	81-82
3	Record keeping	486	12
5	How the alphabet came to be	381	47
5	Record keeping and bookmaking through the ages	791	29-40
5	The study of printed records	624	146-152
5-6	How man made and preserved records	242	148-167
6	Fossils	484	30-42
6	History of records	149	1-90
6	How man has made records	625	61
6	How man has told and recorded time	625	61
6	How the race has put itself on record	613	192-196
6	How the race has recorded its progress	330	274-280
6	Man and his records	282	27
6	Means of preserving and transmitting ideas	388	40-43
6	Record making	330	432
6	Records	605	103
6	Records	613	232
			235
			241
6	Records in rocks, trees, and in the ground of the formation of the earth	129	5
6	The story of books and records	314	63-69
6	The story of records	770	1-22
6	A study of records growing out of the publication of a school newspaper	641	60
6	The world before written records	399	4
			11
7-8	Modern alphabets	620	82
8	How man made, used, and preserved records	243	31

RECREATION: * see also Circus, Dancing, Fair,		
	Festival, Games, Motion Pictures, Plays,	
	Sports, Travel	
K	Planning and enjoying a picnic	604 530-531
K-1	Recreating and playing	456 25
1	A described unit on recreation	185 62-69
1	Going on a picnic	330 376-377
1	How the members of a family group help one another in work and pleasure	100 2-16 25
1	A partial description of a second unit on recreation	185 70-72
1	Recreating and playing	458 7
1	A unit of work on the recreation of the family	185 42-48
1-2	Taking part in recreational endeavors	212 9-12
1-3	Going to the beach	604 492-498 509-510
1-3	Summer recreation in the city	400 55-56
1-3	Summer recreation on the farm	400 57-58
1-6	Camping	167 42
1-6	The vacation unit	801 1-26
2	Fun and recreation in our community	108 88-94
2	How does our community provide for recreation	514 81-82
2	Out of school and vacation activities	339 39
2	Recreating and playing	456 29
2	Recreation	130 7
2	Recreation and leisure time	225 91-93
2	Recreation of boys and girls	505 243-247
2	A unit of work on recreation	185 102-105
2	Vacation activities	608 169-185
3	Character development and recreation	486 11
3	Festivals, legends, recreations (Japan)	141 57-68
3	How does the physical environment influence types of recreation	514 109-112
3	Personal amusements of the Mexican people	142 156-169
3	Re-creating and playing	456 35
3	Recreation	131 233-235
3	(Switzerland) Recreation and music	143 56-73
3	The recreational facilities of Sacramento	431 14-18
3	Recreational facilities of Sacramento	435 14-19
3	Work and play (Mexico)	142 28-41
3	Worth while activities for the summer vacation	339 48
3-4	Developing and using educational and recreational facilities	213 87-98
4	How is recreation influenced by frontier living	514 147-150
4	Reading for pleasure	506 48
4	Recreating and playing	456 41
4	Recreation	104. 19
4-6	Fostering education and recreation in various countries	116 181-182
4-6	Investigating the contribution science has made to education and recreation	116 180-181
4-6	Supporting recreational endeavors	116 184-185

RECREATION: continued

5	How do inventions and discoveries influence recreation	514	192-195
5	How varying conditions affect recreation	498	204-205
5	A picnic in Switzerland	600	315-317
5	Re-creating and playing	456	46
5	Recreation	288	153-160
6	How can I use my leisure time more beneficially	497	104-112
6	How we may spend our summer vacation	332	495-498
6	Recreating and playing	456	53-54
6	Recreating and playing	463	12-13
6	Recreating and playing	464	8
6	Recreation in the home, or, Recreation during leisure	121	88-91
6	What shall we do with leisure	518	674-677
7	Enjoying recreation made possible by inventions and machines	442	13-17
7	How are social and governmental organizations extending opportunities for the wise use of leisure time	514	287-290
7	Recreating and playing	456	60
7-8	Entertainment of young children	488	1478-1480
8	America goes pleasure seeking	332	593
8	Re-creating and playing	456	68
8	Recreation	391	395
gni	Fun	644	46-57

RED CROSS: see Medicine

RELIGION: ? see also Christmas, Church, Colonial Life, Community, Easter, Mission Life

1-2	Participating in religious activities	212	70-74
1-3	Participating in the activities of religious groups	116	123-124
3	How do people in different communities express their religious impulses	514	115-116
3-4	Conserving social, moral, and aesthetic values by means of religion	213	98-107
4	How is religion affected by frontier living	514	154-156
4-6	Conserving social and moral values by means of religion	116	197
4-6	Determining the aesthetic influence of religion	116	198
4-6	Examining the religion of primitive peoples	116	197-198
5	How do discoveries influence the spread of religion	514	198-199
5	The story of Christianity and Mohammedanism	336	113-116
7	Growth of religions Christianity and Mohammedanism	489	25-28
gni	How to encourage a wider use of religious institutions in the community	210	201-207
gni	Religious activities	633	44

RENAISSANCE: † see also Discovery, Exploration, History, Middle Ages, Printing

5	The Renaissance	336	136-140
6-7	Brave new world (the Renaissance)	283	pni

RENAISSANCE: continued

7	The Renaissance	489	33-36
7	Renaissance	625	133
7-8	The Renaissance	208	107-109

REPTILES: * see also Animals

1	The snake in our terrarium	482	9-15
1-6	Setting up terrariums	609	218-220
1-7	Building and caving for a terrarium	514	446-447
2	The turtle	340	84-85
3	The monster reptiles of long ago	240	138
4-6	A terrarium	180	45-49
6	The development of animal life		
	The rise and fall of reptiles	241	129-131
6	Poisonous snakes	234	1
7	Reptiles, their characteristics and economic value	276	17 22-23 30-32

RESOURCES: ? see also Natural Resources

K-1	Developing and conserving personal resources	456	23
1	Developing and conserving human resources	458	2
1	Developing and consuming non-human resources	458	3
1-6	Utilizing education as a means of acquiring and transmitting the social heritage and as an agency for conserving and improving human and material resources	238	64-69
2	Developing and conserving personal resources	456	27
3	Developing and conserving personal resources	456	32-33
4	Developing and conserving personal resources	456	38
4	Natural resources	190	83-86
5	Developing and conserving personal resources	456	43
5	What needs of American life are met through the natural resources	111	74-80
5-6	Conservation of natural resources	383	37-44
6	Conserving human resources	463	1-3
6	Developing and conserving human resources	464	1-2
6	Developing and conserving other than human resources	464	3
6	Developing and conserving personal resources	456	49
6	How people of the world have learned to develop their energy resources and make machinery work for them	219	97-108
6	How the people of Africa adapt their ways of living and resources	171	156-168
6	How we use our country's resources and equipment to supply our people's need for recreation	434	60-65
6	Resources and industries - coal, iron, and oil	262	293-301
7	Developing and conserving other than personal resources	456	50 56 57 65
7	Developing and conserving personal resources	456	56
8	Developing and conserving personal resources	456	64

REST: * see also Health, Sleep

1	Sleep and rest	198	22
1-2	Rest and sleep	274	70-71
1-7	Providing for adequate sleep and rest	514	432
2	Sleep and rest	198	35-36
4	Rest and exercise	488	1262-1263
6	Rest and recreation	488	1298-1299

RESTAURANT: see Cafeteria

REVOLUTION: † see also Government, History, United States

5	The American Revolution	177	pni
5	The American Revolution	603	70
5	Colonies demand independence - American Revolution	262	233-243
5	The English colonies of America demand political democracy - the American Revolution	488	1025-1029
5	The gaining of independence and establishment of a new nation	197	124-128
5	The gaining of independence and establishment of a new nation	488	562-564
5	The Revolutionary War	114	103-105
5	Revolutionary War	391	341
7	Causes of the Revolution; independence	391	364-365
7	The struggle for political freedom	405	21-22
8	The Revolution	246	9-14
8	Severance of political ties with the Old World	405	33-35

RHYMES: ? see also Poetry, Posters

1	Composing rhymes	207	110
1	Copying favorite rhymes and poems	207	111
1	Memorizing a rhyme	207	108

RHYTHMS: ? see also Dancing, Music, Orchestra

K	Music and rhythm	611	97
K-6	Relaxation and rhythms	307	27-28
1	Discriminating between rhythms	207	123
1	Interpreting rhythms suggested by music	207	122
1	Making rhythm book	604	620
1	Mimetic rhythm plays	207	120
1	Playing rhythm band	207	124
1	Rhythmic response to ideas suggested by music	207	136

RIVERS: ? see also Amazon, Mississippi, Nile

4	How people have learned to live on river deltas	396	21
4	Life between and on either side of the Tigris and Euphrates rivers	384	30-35
4	River valleys of temperate regions have fostered the growth of civilization	266	15-27
4	Through the lowlands of the Rhine	152	67-69
4-6	Estuary	605	354
4-7	The Mohawk and Hudson river valleys	426	98-100
5	Great rivers and valleys of North America	282	25
5	Work of rivers	483	75-85

RIVERS: continued

6 Rivers of Europe	605	103
6-8 Land of the silver river	524	189-196

ROADS: see Streets

ROCK GARDEN: * see also Garden

2-4 Rock garden (science unit)	414	12-18
3 Building our rock garden	603	65
3-4 The rock garden	242	117-126
4-6 A rock garden	180	35-36

ROCKS: ? see also Earth, Mining, Stones

K The stones around us	240	23-24
1-6 Making a collection of stones which tell a story of the past	609	228-232
2 How rocks are made	240	78-80
2 Rocks, soil, and fossils tell the age of the earth	240	76-83
4 Formation of rocks and mountains	227	61-65
4 Rocks	441	20-24
5 Rocks	605	102
5 Rocks help make soil	332	186-187
5 A unit on rocks	441	53-59
6 A study of rocks and minerals	643	69-70
6 What stories do rocks tell us	188	10-29

ROMANS: † see also History, Italy, Records

4 Life in ancient Greece and Rome	262	177-184
4 Life in ancient Greece and Rome	606	170
4 The Romans	641	60
4-7 Roman civilization	426	169-173
5 Modern Italy and ancient Rome	603	70
5 Rome	625	133
5 The story of ancient and modern life in the great Roman Empire	336	108-112
6 Ancient Rome	605	103
6 The downfall of the Roman Empire and the rise of the Teutonic peoples	510	pni
6 Greek and Roman life	620	199-205
6 How Rome carried civilization forward	510	pni
6 How the Romans influenced modern trends	104	22
6 Roman architecture	446	159
6 Roman life	284	pni
6 Roman life	446	159-160
6 Roman play	446	159
6 The Roman world	197	177-179
6 The Roman world	200	212-218
6 The Romans	202	pni
6 The Romans	322	130-145
6 The Romans	521	32-38
6 The Romans: the chariot race	447	104-107
6 The Romans: the horse	447	104-107
6 The Romans: the law	339	82
6 Romans - pioneers of law, stable government, and world organization	488	586-589
6 Rome	446	158-160
6 Rome	761	1-11
6 Rome, the world empire	619	26

ROMANS: continued

6	What did the Romans teach the world	114	134-137
6-8	What America owes the Romans	523	105-110
7	Ancient Rome	489	19-22
7	Roman civilization	405	11-12
gni	Ancient Rome	620	33

RUBBER: * see also Industry

3	The story of rubber	311	41-48
3	The story of rubber	418	59-65
4	Rubber industry	183	106-108
4-6	Rubber	122	1-6
4-7	Collecting rubber products	486	57
5	Rubber - one of our greatest needs	518	667-669
5	Rubber - one of our greatest needs	620	47-61
6	The story of rubber	381	51
gni	Rubber construction	273	113-118

RUGS: see Weaving

RURAL LIFE: see Country (rural)

RUSSIA: † see also Asia, Europe

3	A unit on Russia	284	pni
5	A North Cape cruise and a trip to Russia	437	48-56
6	Asiatic Russia	619	28
6	China and Russia as lands of undeveloped resources	244	207-217
6	Geographic survey - Union of Soviet Socialist Republics	314	60-62
6	Russia	171	146-148
6	Russia	413	121-126
6	Russia	606	408
6	Russia (U.S.S.R.), Estonia, Latvia, Lithuania, Finland	171	85-88
6	Russia, Poland, Finland, and the three Baltic republics	132	914-959
6	Russia, the land of travail	152	164-168
6	Russia, the land of travail	606	162
6	Russia, the land of undeveloped resources	619	28
6	Russia - the Union of Soviet Socialist Republics	260	116-117
6	The Soviet Republic	197	162-164
6	The Soviet Republic	488	700-701
6	Soviet Russia	202	pni
6	The Soviet Union in Russia	396	24
6	The Union of Soviet Russia is the world's largest country	268	59-65
6	The Union of Soviet Socialist Republics	114	58
6	Union of Soviet Socialist Republics	322	92-104
6	Union of Soviet Socialist Republics	399	4 18
6	The Union of the Socialist Soviet Republics - a nation attempts to live without the economic exploitation of its people	339	84
6	What adaptations have the Soviet Republics made that form them into a great union	110	114-116
6	What adaptations have the Soviet Republics made that form them into a great union	111	133-136

RUSSIA: continued

7	Russia, a powerful agricultural nation	152	194-195
7	Russia - a vast empire and a changing agricultural country	245	18-19
7	Union of Socialistic Soviet Republics and the little Baltic countries	391	353-354
8	How Czarist, autocratic Russia has become a new Russia	335	53-54
8	Russia	490	17-23

SAFETY: * see also Automobiles, Civics, Community, Conservation, Fire, First Aid, Health, Police, Protection, Transportation

K	Safety	308	5
K	Safety education	713	1-16
K-2	Safety	390	118-127
K-2	The safety patrol boys	186	55-59
K-3	Cooperation with school safety council	272	43
K-3	Room safety	272	43
K-3	The traffic officer or school patrol	272	43
K-6	Street safety	782	11-16
1	Doing things for safety	430	5
1	Going for a safety walk	207	134
1	Going to school safely	330	86-90
1	Health and safety	443	81-88
1	Safety	130	2
1	Safety at home	234	1-2
1	Safety club	619	24
1	Safety in the home	135	69-75
1	Safety on the street	289	172-178
1	A safety unit	120	68-71
1-2	How to keep out of danger	319	38-39
1-2	Protecting life from accidents in home, school, and community	212	13-17
1-2	Safety	274	72
1-3	Safety first	308	16
1-8	Safety education: at home, at school, on the highway	517	11-132
2	Doing things for safety	430	90
2	How to keep our city safe	637	411-415
2	Safety	130	4
2	Safety	137	1-42
2	Safety	198	37-39
2	Safety	319	39
2	Safety and health	337	59-62
2	Safety department	129	2
2-3	Health and safety in the home	524	43-51
2-3	Safety	308	26-27
3	Acting safely in our city	234	1-6
3	Community helpers who keep us safe and well	234	1-2
3	Personal safety	234	1-4
3	Safety	130	5
3	Safety first	307	29
3	Safety first	308	26
3	Safety rules	198	48
3-4	Keeping safe	319	40
3-4	Protecting life from accidents	213	15-21

SAFETY: continued

4	A history safety project	624	126-127
4-6	Art and handwork: Making lantern slides or picture reels of safety subjects	272	81
4-6	Art and handwork: Making properties, scenery, and costumes for a safety play	272	81
4-6	Factors that contribute to safe, happy living	272	77
4-6	General safety practices in the shop	272	79-80
4-6	What the community does for our safety and health	244	289-291
5	Habits of safety	198	67-69
5	Safety in the use of machines	129	4
5-6	Safety town	207	62-65
6	Harmful substances	198	88
7	How can we cooperate to make our highways and streets safe	497	112-120
7	Safety first aid	488	1317-1319
gni	Life savers	146	50-53
gni	Safety	616	42-60
gni	Safety unit	273	39-41

SAHARA DESERT: ? see also Desert

4	The hot, dry lands - the Sahara	157	35-36
4	Life in a hot, dry land - the Sahara Desert	179	25-31
4	Nomads of the desert	114	18-19
4	Nomads of the desert	468	215-224
4-7	The Sahara, a hot dry region	426	71-73

SAMOA: see Island

SAND TABLE: see Toys

SANITATION: * see also Community, Food, Health, Housekeeping

K	The street cleaner and the garbage and ash collectors serve us	481	117-121
1	The sanitary department	120	60-63
1-2	Sanitation	274	71
4	Sanitation - a unit study	518	575-578
5	Community sanitation	332	190-191
6	Sewage disposal	409	15-22

SANTA CLAUS: see Christmas

SCANDINAVIAN COUNTRIES: † see also Cold Countries, Europe, Northlands, Norway, Vikings-

3	The Scandinavian child	182	112-113
3	Scandinavians	619	25
4	How have the people in Scandinavia today made their work, their ways of living, and their play fit the country in which they live	468	44-73
4	Life in Scandinavia: past and present	336	47-51
4	Scandinavian countries	258	32-46
6	Netherlands, Belgium, Denmark	171	54-57
6	Scandinavia	260	114-115
6	Scandinavia	606	408
6	The Scandinavian and Baltic countries	396	23
6	Scandinavia and the Baltic Sea countries	114	57

SCANDINAVIAN COUNTRIES: continued

6	Scandinavia and the Baltic Sea countries	322	76-91
6	Scandinavian countries	190	226-230
6	The Scandinavian countries	197	210-211
6	Scandinavian countries	399	4
			16
6	Scandinavian countries	488	697-698
6	Scandinavian countries	510	pni
6	Scandinavian countries, Norway, Sweden	171	58-61
6	Scandinavian Peninsula	413	102-105
6	Scandinavian Peninsula and Denmark	324	1-6
6	The sea-going Norsemen - Norway, Sweden, Denmark	606	162
8	The Scandinavians	619	29

SCHOOL: ? see also Citizenship, Community, English, Home, Literature, Newspaper, Reading, Writing

K	Making our kindergarten attractive	325	13-14
K	School interests	250	4
K-1	School	104	13
K-2	The school building and the workers in it	186	60-64
K-2	The schoolyard	186	65-69
K-3	School building	604	217
K-3	School life	620	35
1	The adjustment of children to school	289	168-171
1	Buying materials in the school bookstore, the principal's office, or from the teacher	207	82-83
1	Community life unit - the school	259	7-13
1	Community workers our school	471	1-6
1	Experience at school	237	102-103
1	Home and school life	514	33-59
1	How can we have an enjoyable time at home and school	514	47-50
1	How is our school cared for	491	85
1	How may we make our school room more pleasant	497	61-66
1	Learning about our school	330	368-370
1	Making our room beautiful and pleasant	330	75-82
1	Making scenes for the schoolroom	330	393-394
1	Measuring the school ground	330	394
1	Our school	332	861-863
1	Planning good times in our schoolroom	330	370-372
1	The school	129	1
1	School	130	2
1	The school	173	19-38
1	The school	339	30
1	The school and the playground	457	pni
1	School stories	636	388-417
1	The school unit	256	18-23
1	Schools	130	6
1	A study of home and school life	486	2-4
1	What can we do to make our home and school more beautiful	514	50-52
1-2	The school and playground	509	25-27
1-2	Using educational facilities	212	2-8

SCHOOL: continued

1-3	Getting acquainted with the duties of school officials and school employees	116	120
1-3	Participating in beautifying the school and school surroundings	116	120-123
1-3	School janitor	603	92
1-3	Teacher	603	92
1-3	Through the land of the samovar	499	1-13
1-3	Using educational facilities	116	115-119
1-5	An activity in a box car rural school	604	101-114
1-6	Asking	610	89
1-6	Buying school supplies	167	25
1-6	Exhibiting summer projects at the school fair	609	132
1-6	Exploring the school ground	609	128-129
1-6	Improving the appearance of school and community	329	100-104
1-6	Learning to tell direction	609	242-244
1-6	Making our school grounds beautiful	167	6
1-6	Making surveys	432	21-23
1-7	Making a hectograph	514	444
1-7	Making surveys	514	501-502
2	How we may make our school and neighborhood more attractive	498	182
2	Our school	120	54-56
2	Our school	310	8-13
2	Schools	130	7
2	Second grade supply and first grade demand	604	184-188
2-3	Finding out about the school and its environment	604	213-214
3	The educational facilities of Sacramento	431	28-36
3	How do people in different communities provide education	514	117-118
3	Making our schoolroom more beautiful	330	298-300
3	Making the schoolroom attractive	102	215-227
3	Our school becomes the world	790	11-19
4	Education	619	25
4	How America tries to educate all its people	217	168-180
4	How America tries to educate all of its people	227	40-47
4	How is education influenced by frontier living	514	156-158
4	Making our school home more attractive	506	48
4	Points of interest	619	25
4	School attendance	613	164-166
4	Schools of long ago	195	36-37
4-6	Extracurricular activities	272	82-83
4-6	Our school	605	355
4-6	School costs	244	292-294
4-6	Visual education	600	325-326
4-6	Arranging schoolroom	486	57
4-7	Our school work in its relation to the world's work	426	223-224
5	Changes in schools	313	14-21
5	Living together at school	237	93
5	Making our classroom a livable place	103	164-173
6	Beautifying the classroom	613	185-188

SCHOOL: continued

6	Beautifying the school surroundings	494	181-187
6	Correlation projects	600	303-307
6	Education and culture in Texas	229	45-55
6	A survey of the physical aspects of our school	265	145-149
7	Educational guidance	412	95-98
7	How does education function as a means of social control	514	297-300
7	Orientation	606	453
7	Our school	614	63-79
7	School supplies for building and rooms	642	311
7	Using educational opportunities to best advantages	442	6-9
7-8	Our schools	208	81-82
8	Education	391	380-381
8	Fundamental institutions - home, school, and church	113	243-250
8	Guidance - educational plans	113	228-234
8	Guidance - personal analysis and vocational survey	113	204-209
8	Our American schools	242	262-282
gni	Investigation	644	20-29
gni	Projects	616	35-40
gni	Running errands	633	43
gni	The school	400	47-49
gni	School activities	633	44
gni	Understanding my school	263	363-387
gni	Your school and its organization	426	222-223

SCIENCE: * see also Airplane, Communication, Electricity, Health, Heating, Inventions, Machines, Medicine, Mining, Radio, Trains, Transportation, Water, Weather

K	Science unit on animals	440	15-19
1	Experience in science	507	16-20
1-6	Experimenting with the powers of magnet and compass	609	289-293
1-6	Finding the uses that we make of science	609	336-337
1-6	Spring science activities for the elementary school	609	339-341
1-7	Protecting the worker in the laboratory	514	447-448
1-7	Using common terms in science	514	440-441
2	The effects of magnifying	240	107-108
2	Evaporation and condensation	440	35-36
2	A science collection	613	136-141
3-4	The beginning of things	620	33
4	Experiments in physics and chemistry	640	252
4-6	Physical science	272	76
5	Gravity and gravitation	441	31-33
5	Natural science wonders of the world	332	174-176
5	Other people in a scientific age	444	17
5	Scientific development in modern times	444	17
5	Scientific developments through the ages	444	17
6	Compass	640	252
6	The mariner's compass	447	124
6	Modern trends in science	241	162-163

SCIENCE: continued

6	Progress of science and invention since colonial days	343	pni ^c
6	Progress of science and invention since colonial days	348	1-15
6	Science	618	278-279
6	Science and the individual	444	18
6	How has science changed the modern world	462	pni
6	The story of the origin of science	229	73-78
7-8	Aspects of science, telescope, microscope, motor dynamo, telegraph, telephone, radio, and television	640	252
7-8	Science in the home	255	67-75
7-8	What does science mean to us	393	1-16
8	Important discoveries and inventions in science	332	236-237
8	Purification of water	276	117
			120-121
gni	Scientific instruments	516	35-37

SCOTLAND: see British Isles

SCULPTURE: see Art

SEA COAST: ? see also Geographical Regions

1	Seashore life	380	18
2	The beach	620	128-134
2	Seashore life differs from pond life	240	91-93
3	Norfolk as a seaport	380	35
4	How people live and work in a seacoast region	336	58-62
4	Life on the seacoast (Brittany and Norway)	233	1-6
4	Living along a rugged coast	468	25-74
4	People who live along a rugged seacoast	395	16-21
4	People who live along a rugged seacoast	396	21
4	Some peoples of the seacoast	260	38-39
4	Why so many people live in the bay area	386	20-28
4-6	Neptune Beach	605	355
5	The Chesapeake Bay region	510	pni
6	The Atlantic seaboard	334	pni

SEA LIFE: * see also Aquarium, Fishing, Pond Life

1	Florida sea shells	207	68-70
1-4	Seashore life	382	58-59
3	Sea life	466	1-13
3	Sea life	605	100
3	Sea life of long ago	240	132-134
4	Creatures of the sea	742	1-29
4	Man's early attempt to control the sea and establish commerce	262	158-165
4	Marine life	640	252
4	Sea life or creatures of the sea	282	20
4-5	Life of the sea and shore	605	131-155
4-6	Sea life	180	9-12
5	Aquatic life	168	74-76
5	Interesting things observed at the sea, in valley or mountains	129	4
5	Sea stories	195	55-56
5	A seafaring people of long ago	510	pni

SEA LIFE: continued

6	Corals and jellyfishes	241	116-119
6	Deep sea stories	195	69
6	The land of the five seas	606	408
6	Sea and seashore life	445	159-170
7-8	Ships and the sea	242	247-260
8	Ships and the sea	243	32

SEASONS: * see also Calendar, Spring, Winter

K	The seasons	440	13-15
K	The weather and the seasons	447	23-24
K-1	Seasons	640	251
1	Activities of the seasons	339	31
1	Creating an autumn festival	629	59-60
1	Enjoying and using autumn treasures	629	54-58
1	Fall	430	77-81
1	Fall activities	340	6-24
1	Individual and seasonal interests	129	1
1	Nature in the fall	337	29-30
1	Preparation for seasonal changes - (winter)	223	46-52
1	Seasons	505	203-206
1	Taking a walk to observe the signs of the season	430	5
1	Unit on fall	506	47
1-3	Animals and seasonal change	621	100
1-3	Mechanics - autumn, winter, and spring	117	175
1-3	Plants and seasonal change	621	100
1-3	The seasons	621	100
1-4	Seasonal changes	382	14-18
1-6	Demonstrating night and day and the changing seasons	609	252-255
1-6	Discovering signs of spring	609	342-343
1-6	Discovering what people are doing to prepare for winter	609	205-206
1-6	Making scrapbooks of winter scenes and sports	609	238-239
1-6	Preserving the beauties of autumn	609	200-202
1-6	Watching the changing day	609	240-241
2	Fall activities	340	55-56
2	Leaves and seasons	506	47
2	Outdoors in the fall	337	63-65
2	Seasonal change	129	2
2	Seasonal change	343	pni
2	Seasonal changes in relation to plants and animals	640	251
2	Seasonal stories	505	285-288
2	Taking a walk to observe the signs of the season	430	90
2-3	Seasonal change	355	1-14
3	Beauties and wonders of the world in summer	493	37-41
3	How seasons affect changes	488	1250-1251
3	Outdoor life in the fall	337	100-104
3	Seasonal changes	386	13
4	The seasons and the weather	447	53
4-6	Astronomy - autumn, winter, and spring	117	174-175
4-6	The earth - autumn, winter, and spring	117	173-174
4-6	Mechanics - autumn, winter, and spring	117	175-176

SEASONS: continued

5	In the great out-of-doors	332	649-652
5	Seasonal change	241	39
5	The seasons and the weather	447	87-88
5	The seasons	600	318-320
5	The seasons and their influence on life with emphasis centering upon the springtime	441	40-48
6	The seasons and the weather	447	118-119
6	Ways of adjusting to seasonal changes	388	76-77
6	Why seasons change	332	201-202
gni	Summer projects	623	420-421

SEEDS: * see also Flowers, Fruit, Garden, Plants

K	Seeds make plants	240	21-22
1	Seeds	340	9-10
1-3	The home or the community (flowers, trees, plants, shrubs, seeds, vegetables, etc.)	447	17-18
2	Dispersal of seeds	332	141-143
2	Seeds	340	61-62
4	How seeds are scattered	241	16-17

SENSES: ? see also Body

1	Our senses	240	42-44
1	Our senses	488	1219-1221
7	The special senses	332	216-217
7	The special senses	488	1314-1315

SENTENCES: see English

SERVICE: see Work and Workers

SEWING: * see also Clothing, Dolls, Needlework,

	Tatting, Weaving		
1-2	Sewing corner	370	48
1-3	Making aprons	604	478-479
1-7	Sewing	514	363
4	A curtain unit	625	61
5	Individual sewing equipment	412	2-6
7	Undergarment and dress construction	278	76-95
7-8	Making an apron, headband, and holder	488	1471

SHADOWS: * see Lighting, Plays, Puppets

1-6	Giving shadow shows, puppet shows, and marionette performances	432	16-17
1-7	Giving shadow shows, puppet shows, and marionette performances	514	485-487
2	Shadows	340	68
3	Shadow study - weather	340	93-96
4	The shadow show	289	195-204

SHEEP: see Animals, Farm, Wool

SHELTER: * see also Community, Farm, Frontier,
Home, House, Pioneer, Primitive Life

K-2	Shelter	390	14-27
K-3	Basic needs: food, shelter, clothing	272	33-34
K-3	Our need for food, clothing, and shelter	425	26-30
			47-48
			58-61
			103-105

SHELTER: continued

1	A described unit on shelter	185	72-76
1	How does our family provide itself with food, clothing, and shelter	514	44-46
1	A unit of work on the shelter of the family	185	48-52
1-3	Food, shelter, clothing	447	18-19
1-3	Providing shelter in the community	116	101
1-6	Shelter	640	264
2	How our neighborhood secures food, clothing, and shelter	498	175-177
2	Shelter	327	36-41
2	Shelter	510	pni
2	Shelter	619	25
2	Shelter	625	133
2	Shelter in the community	262	69-74
2	Shelter in the community	316	30-52
2	Shelter, lumber	478	1-7
2	A unit of work on shelter	185	79-84
3	Helpers who give us shelter	505	346-350
3	People of the world contributing to transportation, clothing, and shelter needs	520	103-104
3	Shelter	131	229-231
3	Shelter	260	11-12
3	Shelter	325	105-106
3	Shelter	486	10
3	Shelter and fuel	190	52-55
3	Shelter in present-day Mexico	141	70-79
3	Where our shelter comes from and what people work together to furnish it for us	100	96-107
3	Workers who help us secure our shelter	129	3
4-6	Providing shelter	116	162-164
4-6	Providing shelter	329	111-118
5	Securing materials for shelter	330	302-304
5	Shelter	446	144-147
5	Shelter	447	66
			82-83
5	Shelter	605	102
5	Shelter: the fly	447	69-70
5	Shelter: the mosquito	447	67-69
6	Shelter	161	1-20
6	Shelter and clothing	461	pni
gni	Shelter	379	11-50
gni	Shelter	618	64

SHEPHERD LIFE: see Animals, Arabia, Farm, Wool

SHIPS: * see also Boats, Ocean, Steamboats, Transportation

4	Ships	605	101
4-7	Making models (ships, airplanes, etc.)	486	58
5	The buccaneers	605	102
5	Sailors, settlers, and peddlers - the farmers east and west	158	69-70
6	Ships	605	103
6	Ships and ship building	282	27-28
7-8	Ships and the sea	242	247-260
8	Ships and the sea	243	32

SHOES: see Clothing

SHOWS: * see also Fair, Motion Pictures, Puppet, Shadow

1	Conducting a baby show	629	78-83
1	Our picture show	506	47
1-3	The pet show	446	62-67
1-3	The Three Bears: a picture show	604	481-483
1-6	Constructing peep shows and miniature scenes	432	16
2	The greatest show in the world	506	16-21
3	Picturing Santa Clara county by products, map, and peep show	604	127-130
4	Making a picture show	264	352-353

SHRUBS: see Plants

SIERRA NEVADA REGION: see Geographical Regions

SILK: * see also China, Clothing, Japan, Orient

2	Sources of clothing - silk	475	1-6
2	Story of silk	130	7
3	Cotton, silk, wool, and linen	603	65
3	Silk and Japan	308	24
3	The story of silk: A unit on Japan	311	58-64
4	Experiences with silk	641	146-148
			160-164
4	Silk	506	48
6	A silk activity	264	370-373

SINGING: ? see also Music, Songs

1-6	Singing	610	214-215
1-7	Matching tones, singing syllables by note, and using staff notation	514	419
1-7	Singing rounds in preparation for two-part singing and singing two-part songs	514	417
1-7	Singing songs from memory in order to establish a permanent repertory	514	416
1-7	Singing three-part songs	514	417-418
1-7	Singing with proper tone quality, phrasing, and interpretation both individually and with the group	514	416
5	Sky study	605	32

SKY: * see also Air, Earth, Stars, Telescope, Weather

4	Secrets of the sky	333	33-41
4	Sky study	168	39-40
6	Sky study	168	119-120
7	Trail blazers of the skies	389	48-59
7	What the sky gives us	406	19-21

SLEEP: ? see also Health, Rest

1	Sleep and rest	198	22
2	Sleep and rest	198	35-36
3	Sleep	198	45
6	Dreams come true	195	70

SNAKE: see Reptiles

SNOW: * see also Seasons, Sports, Water

1	Snowflakes	340	39-40
---	------------	-----	-------

SNOW:	continued		
2	Snow	308	19-20
4-6	The snowstorm	180	50-55
SOAP:	? see also Cleanliness		
4	How our grandmothers made soap	603	66
4	How soap is made today	603	66
4	Soap	605	167-175
4	Soap industry	183	80-85
4-7	Soap making	486	58
gni	Soap	640	264
SOCIAL STUDIES:	? see also School		
K	Social studies	250	4
K	Social studies in the kindergarten	747	1-33
1	Social studies	133	264-276
1-2	Social studies material for grades one and two	495	10-19
3	Social studies experiences for third grade	386	14-16
3	Social studies material for grade three	495	20-26
4	Creative work in the social studies	791	1-17
4	Social studies material for grade four	495	27-36
4-6	Social conduct as taught through everyday living	244	287-288
5	Social studies material for grade five	495	37-43
6	Social science	333	102-108
6	Social studies material for grade six	495	44-48
7	How do social organizations provide opportunities for expression of aesthetic impulses	514	290-295
7	Problems in social control	501	71-88
7	Social studies for grade seven	495	49-55
7-8	Our contemporary social problems	773	1-22
8	Effects of increased population on American social life	254	56-62
8	Group unity depends upon our fundamental social institutions	270	13-19
8	Social studies material for grade eight	495	56-62
8	Social trends	504	87-99
8	Social usage	176	125
gni	How to establish and maintain social security	210	138-153
SOIL:	* see also Agriculture, Clay, Earth, Farm, Garden		
1	Soil	440	22-23
2	How soil is made	240	76-78
3	The formation of soil	226	105-111
4	How man first learned to cultivate the soil	227	14-18
4	The soil	447	53-54
4-6	Conserving the soil	116	148-149
4-6	Soil	122	1-8
4-6	Soil	621	100
5	The soil	447	88-89
5	Soil - erosion and conservation	441	33-37
6	Soil	447	119
6	Soil as a factor in the environment of living things	229	101-105

SOIL:	continued		
6	Soil, trees, water	519	58-75
7-8	Conserving the soil	329	126-130
7-8	Controlling soil erosion	102	64-70
7-8	The Tennessee Valley Authority and the conservation of soil	496	127-138
8	The soil and its conservation	332	16-17
8	Soils, gardening, and preservation of food	488	1343-1348
gni	Combating soil erosion	263	59-77
SONGS:	? see also Games, Music, Singing		
1	Listening to familiar songs	207	126
1	Singing individually	207	118
1	Singing songs in groups	207	114
4-6	Part singing	332	450-453
SOUND:	? * see also Communication, Music, Radio, Science, Telephone		
1-6	Exploring by sound and touch	609	360-362
4	Origin and transmission of sound	227	85-89
4	Sound	241	22-25
6	The story of sound	282	28-29
7-8	How do we use our knowledge of sound and light	394	1-12
8	Sound	406	36-37
SOUTH AMERICA:	† see also Amazon, Brazil, Travel		
1-3	Life in South America	400	65
3	South Americans - the Argentines	619	25
3	South Americans - jungle people	619	25
4	South America	624	42-43
4	Southern lands and peoples	191	63-73
4-5	Life in hot, wet countries		
	South America - Amazon basin	523	63-65
4-7	South America (geography)	426	184-191
4-7	South America (history)	426	191-192
5	An adventurous journey to the Guianas	132	437-438
5	Argentina	202	pni
5	Argentina, Uruguay, and Paraguay	158	119-122
5	Countries and people of South America	190	161-165
5	A general view of South America	158	106-108
5	The history of South America past and present	132	447-469
5	How people work and play in North and South America	620	35
5	How the people of South America use their hands and their resources	170	115-119
5	North coast countries of South America, Colombia, Venezuela, British Guiana, Dutch Guiana, French Guiana	170	120-123
5	The northern countries of South America	158	109-114
5	Our neighbors in South America	334	pni
5	Our neighbors north and south	619	26
5	Our southern neighbors are lands of rich resources and varied contrasts	267	75-81
5-	South America	114	50-53
5	South America	339	67
5	South America	391	324-325
5	South America	605	102

SOUTH AMERICA: continued

5	South America	619	26
5	South America and her relations with the United States	132	369-387
5	South America is a continent of opportunity	267	82-88
5	South America - natural conditions	190	157-160
5	South America our nearest neighbor	132	368
5	South American countries	510	pni
5	Southern South America, Argentina, Uruguay, Paraguay	170	131-135
5	A survey of the South American continent	396	7
			23
5	Temperate South America	396	8
			23
5	A trip to South America	433	14-27
5	A trip to South America	437	16-25
5	Tropical countries of South America	396	7-8
			23
5	Venezuela and Colombia	132	439-446
5	The western countries of South America	158	123-125
5	Western South America, Chile, Bolivia, Peru, Ecuador	170	124-130
5-6	South America	509	94-104
6	Andean countries	413	70-74
6	Countries of South America	129	5
6	A general overview of life in South American countries	336	204-207
6	Living in South America (Argentina and Uruguay)	233	1-8
6	Orinoco lowlands and Guiana	413	74-75
6	Parana - Paraguay plain	413	67-70
6	Our neighbors on the south	619	29
6	South America as a whole	413	65-66
6	South America now and thirty years hence	381	51
6	A trip to South America	603	66
6-8	The land of the Incas	524	173-183
7	Argentina	277	10-25
7	The Pacific Andean countries	277	41-58
7	South America	488	712-716

SOUTH DAKOTA: † see also State, United States

3	How our community originated and developed in South Dakota	487	233-301
3	How our community originated and developed in South Dakota	488	896-907
6	South Dakota geography	488	703-706
6	South Dakota history and geography: South Dakota, commonwealth of opportunity, land of sunshine	488	1106-1109

SOUTHERN STATES: † see also Cotton, Geographical Regions

4-6	The south Atlantic and the south central states	391	308-309
5	The far south	510	pni
5	The future of the southern states	158	32-33
5	Geographic survey - southern states	313	24-25

SOUTHERN STATES: continued

5	How the people of the southern states live and work	170	40-43
5	The land of cotton has become a land of varied industries	267	42-50
5	Life in the South: the cotton picker, the planter, and the sugar grower	387	26-27
5	The southern group	200	177-183
5	The southern states	114	35-38
5	Southern states	197	143-146
5	The southern states	201	134-166
5	The southern states	260	59-62
5	Southern states	321	101-111
5	The southern states	488	668-671
5	The southlands	158	98-105
6	Life in the south central states	336	240-244
7	People of southern lands modifying their culture through adjustment to a new environment	520	108-109
8	Our neighbors in southern lands and across the Pacific	467	79-82

SOVIET REPUBLIC: see Russia

SPAIN: † see also Europe, Exploration

4	Other white settlers followed the Spanish	129	3
4	Other white settlers following the Spanish period	432	18-24
4	Other white settlers following the Spanish period	436	16-24
4	Spain, Netherlands	258	62-64
4	Spanish days	446	105-106
4	The Spanish in California	386	54-55
4-7	Spain and Portugal	426	160-162
6	France, Spain, and Portugal	197	194-199
6	Iberia	606	408
6	The Iberian peninsula	132	855-869
6	Iberian peninsula	171	77-80
6	The Iberian peninsula	619	26
6	Spanish possessions	413	141
7	Spain, past and present	619	29
gni	Spanish and Mexican unit	605	437

SPECIAL DAYS: * see also Holidays

K	Special days and seasonable interests	250	4
1	Special days	256	58-60
1	Special days and holidays	223	83-94
1-3	The first Fourth of July in Oshkosh	403	36-37
1-3	Toys, holidays, and special occasions	118	49-53
2	May day activities	430	92
2	Special days	237	89-90
2	Special days	337	83-88
2	Special days and current events	225	94-105
3	Constitution day	435	4
3	A fable day	225	165-166
6	Flag day	171	178

SPELLING: † see also English

1	Spelling	133	277-289
---	----------	-----	---------

SPELLING: continued

2	Spelling in the second grade	495	94-95
3	Spelling in the third grade	495	95-96
4-6	Spelling in the fourth, fifth, and sixth grades	495	96-97
7-8	Spelling in the seventh and eighth grades	495	97

SPENDING: see Commerce

SPINNING: see Weaving

SPORTS: * see also Exercise, Fishing, Games, Health, Recreation

1	Having a field and track meet	330	390-391
1	Winter sports	130	2
1-6	Sports: the flashy nine, hiking	167	19
6	The Olympic games	446	156
7	Percentage in baseball scores	642	312
7	The world of sports	512	L16-L18

SPRING: * see also Plants, Seasons

1	Influence of spring on plant and animal life and gardening	223	63-68
1	Looking about us in the spring	337	50-55
1	Signs of spring	488	1223-1224
1	Spring	340	45-54
1	Spring	430	81-84
1	Spring activities	430	7
1	Spring changes	309	47-55
1-3	Mechanics - autumn, winter, and spring	117	175
2	Animals in spring	340	83-84
2	Outdoors in the spring	337	89-95
2	Spring activities	340	78-89
2	Spring weather	340	80-81
2	Things to listen and look for in springtime	332	636-637
3	Beauties and wonders of the world in spring	493	30-36
3	Outdoor life in the spring	337	140-146
4-6	Mechanics - autumn, winter, and spring	117	175-176
7-8	Life in spring	255	30-37

SQUIRREL: see Animals, Pets

STANDARD TIME: see Transportation

STARS: * see also Heavenly Bodies, Sky, Telescope

K	The stars	240	27-28
K-1	Stars	640	251
1-3	The moon and the stars	447	22-23
1-6	Making evening sky maps	609	247-251
4	The moon and the stars	447	52-53
4	A star unit	121	91-93
4	Stars and constellations	343	pni
4	Stars and constellations	363	1-9
4	Stars and star groups	332	168-169
4	Sun, moon, and stars	605	101
5	The moon and the stars	447	86-87
6	The moon and the stars	447	117-118
6	Star-land	282	29
6	Stars	308	32-33
gni	Stars	618	283

STATES: ? see also State, United States; also
names of states, as California

4	Early inhabitants of the state	619	26
4	Getting acquainted with our state	129	3
4	How our state is governed	432	25-30
4	Our state	446	103-109
4	Our state	625	134
4	Points of interest in the state	619	26
4	The state	151	84
4	The history of New Jersey through colonial days	339	57
4	Pioneers in West Virginia	607	142-152
4	The state of New Jersey	339	57
4	Story of the Utah pioneers: Settlement and development of Utah	510	pni
4	Why Utah is a good place in which to live	510	pni
4-5	Wyoming becomes a range country	524	124-125
5	Florida	260	53-54
5	How the history and environment of New Mexico influence us today	104	20
5	Nebraska	396	5
			22
5	Oregon lands become a part of the United States	339	68-70
5	Tennessee and Memphis	321	84-100
5	Our home state provides abundantly for its people	267	25-32
5	Our western states	416	68-70
5-6	Study of West Virginia	607	158
6	Arkansas: a state project	600	300-303
6	How the earliest people contributed to our life today including New Mexico	104	22
6	From statehood to the present time	488	595-599
7	Kansas history and geography	262	398-403
8	How Indiana has influenced and reflects American life	335	56-60
8	Our state	429	5-6
gni	Conservation in Wisconsin	273	53-63
gni	Wisconsin	273	52

STATION: * see also Railroad, Train

K	Our train and station	123	28-30
1	The gasoline station	417	25-28
2	Filling station	104	14
2	Union station	380	27

STEAM: see Water

STEAMBOAT: * see also Boats, Ships

K	Our steamboat	438	3-5
K	We can make steam	240	35-36
1-6	Transportation - steamer - airplane	167	44
3	The study of steam	440	50-52
4	How steam aided in settling the West	169	69-74

STEEL: see Industry

STIMULANTS: see Drug Store

STONES: see Rocks

STORE: * see also Clothing, Commerce, Drug Store,
Grocery, Trade

K	The millinery shop and the Christmas toy shop	628	286-287
K	Our music store	515	122-126
K	People buy hats at hat shops	481	126-130
K	Store units	515	102
K	Toy shop	481	131-147
K	A trip to the store	186	113-118
K-1	Store: grocery store, clothing store, hat store	104	13
K-2	A department store	390	64-75
K-3	Flower shops	604	218-219
K-3	Stores	604	218
1	Articles for home community hardware store	470	1-5
1	Building a fish and crab store	604	188-192
1	Clock store	130	2
1	Conducting a toy store	629	84-88
1	Drive-in market, little shops, and neighborhood drug store	282	3-4
1	A five-and-ten-cent store	642	309
1	A gift shop	417	29-32
1	Grocery store	640	177
1	A grocery store	720	1-9
1	Operating a store	330	375-376
1	A pet shop	619	28
1	Play store	640	65-66
1	Store	130	2
1	The store	624	79-81
1	A store project	256	30-32
1	The storekeeper	325	37-39
1	Stores	130	6
1-2	A flower shop	620	33
1-2	The store	103	140-143
1-2	Transportation - the rolling store	211	254-264
1-3	The candy store	446	25
1-3	The department store	446	25
1-3	The gift shop	334	pni
1-3	The grocery store	640	175
1-3	The millinery shop	446	25
1-3	Our store	507	31-32
1-3	The shoe store	446	25
1-3	The ten cent store	446	25
1-3	The variety store	446	25
1-3	The vegetable store	446	25-26
1-6	School bank or store	623	52
2	The gift shop	120	307-309
2	Grocery store	618	118-120
2	A grocery store at school	642	139-144
2	Music shop	380	309
2	Our gift shop	120	27
2	Our toy shop	331	120-122
2	The store	231	97-104
2	A store	613	20-21
2	The store unit	257	133-136
2	Stores	130	4-5
			7

STORE: continued

2	The toy store	334	pni
3	Making a toy shop	103	151-157
3	A school store	615	253-256
3	The school store, a grocery store	642	310
3	Store and market	115	69-72
4	Buying shoes, a shoe store at school	642	310
4	Playing store, hardware or clothing	642	310
4-8	Stores	603	92
5-6	A general store	181	pni
6	The development of the modern store	324	48-49

STORIES: * see also Books, Folklore, Literature,

	Myths, Reading		
K	Listening to stories	604	532
K	Little black Sambo	515	127-133
K	Story period	611	97
K	Telling original stories	604	532
1	Bird stories	636	473-481
1	Boat stories	636	309-321
1	Dramatizing a story	207	108-109
1	Dramatizing story of "The Three Bears"	207	133
1	Dramatizing the story "The Little Gray Pony"	207	131
1	Field stories	636	447-464
1	Finding stories and poems by referring to the table of contents	207	111
1	Garden stories	636	465-472
1	Home stories	636	201-234
1	Listening to a story read by the teacher	207	109
1	Listening to a story told by music	207	126
1	Listening to a story told by the teacher	207	109
1	Little black Sambo	184	66-73
1	Little black Sambo	620	103-109
1	Making original cooperative class stories	430	4
1	Mother goose land	709	1-12
1	Our story book	506	47
1	Raggedy Ann and Andy	737	1-28
1	Re-telling a story	207	107
1	Selecting characters and materials for dramatization of the story "The Three Bears"	207	79-80
1	School stories	636	388-417
1	The story of Hansel and Gretel	603	68
1	The three bears	303	29-33
1	The three bears	518	648-650
1	The three bears	625	41-47
1	The story of the "Flower Reading Club"	604	336-339
1-2	A reading club	620	33
1-3	Enjoying stories through the use of concrete material	604	505-507
			513
2	A reading club	608	108-118
2	Making a class reader of original stories composed cooperatively by the class	430	89
3	Our story hour	264	337-342
3	The story league	275	44-50
4	Reading for pleasure	506	48

STORIES: continued

4	Make believe	195	44
4-5	The class writes a serial story	702	1-23
5	Make believe	195	52
5	Merry stories	195	50
5	True stories about our own country	195	57
6	Make believe	195	68
6	Robin Hood and his merry men	618	305
6	Snow White and Rose Red	166	pni
7	"The great stone face"	603	70
gni	Providing reading opportunities in the community	263	296-320
gni	Short stories	176	108

STREET CAR: see Transportation

STREETS: * see also Highways, Railroads, Transportation

K	Developing a city street in the kindergarten	604	167-184
1	The city streets	256	53-58
1-6	Finding street fixtures and learning their use	609	261-264
2	A city street	443	133-146
3-4	Building and using roads and highways	213	65-70
4-6	Developing our system of roads and the use of the automobile and truck	116	174-175
4-6	23rd Avenue	605	354
5	Westward trails	605	102
5-6	The gypsy trail	605	437-438
6	How we have improved our homes, schools, and communities by building roads	288	161-168

SUGAR: see Food

SUMMER: see Seasons

SUN: * see also Health, Heavenly Bodies, Heating, Lighting, Plants, Science

K	The sun	240	25-26
K	Sunshine - the work of the sun	166	pni
K-1	Sun	640	251
1	Fresh air and sunshine	198	23
1	The sun and shadows	482	31-48
1-3	Heat and light of the sun	621	100
1-3	The sun (heat and light)	447	21
1-4	Our planet and the solar system	382	37-39
1-4	The sun, moon, and stars	382	7-10
1-6	Learning to guess time by the sun	609	245-246
2	Fresh air and sunshine	198	31-32
2	How our lives are influenced by the sun and moon	488	1235-1236
2	How the sun helps man	332	134-135
2	Other worlds than this one: sun, moon, and stars	225	34-39
3	The effect of the sun upon the earth	440	57-60
3	Fresh air and sunshine	198	43
3	The importance of the sun	332	151-152
3	Solar system	440	52-57
3	The sun as a source of heat and light	226	55-62

SUN:	continued		
3	The sun, as the giver of life and the source of energy	343	pni
3	The sun, as the giver of life and the source of energy	344	1-7
3	Sun, moon, and stars	331	128-131
4	The sun	447	50-51
4	The sun and the seasons	468	76-88
4	The sun heats the earth unevenly	241	18-21
4	Sun, moon, and stars	605	101
5	Fresh air and sunshine	198	62
5	The solar system	332	178-181
5	The solar system	343	pni
5	The solar system	345	1-11
5	The sun	447	85
5	Sun and moon	235	1-5
5-6	The sun and other heavenly bodies	383	44-49
6	The birth of the solar system	241	85-88
6	How the solar system was formed	176	168
6	The sun	447	116
8	Our solar system and stars	488	1320-1322

SURVEYS: see School

SWEDEN: † see also Cold Countries, Norway, Scandinavian Countries

3	Norway and Sweden	196	42-45
3	Norway and Sweden	199	93-99
3	A Swedish party	334	pni
4	Norway and Sweden	339	57
6	Norway and Sweden	132	829-853
6	Norway and Sweden, the land of seamen	619	26
6	Scandinavian countries, Norway, Sweden	171	58-61
6	The sea-going Norsemen - Norway, Sweden, Denmark	606	162

SWITZERLAND: † see also Europe, Mountains

3	Child life in Switzerland	608	272-295
3	Clothes - Switzerland	143	24-32
3	Contributions of the Swiss to our life	131	235-236
3	Food - Switzerland	143	17-24
3	Home life - Switzerland	143	4-16
3	People - Switzerland	143	32-50
3	Recreation and music - Switzerland	143	56-73
3	Swiss	619	25
3	Swiss children	339	47
3	Switzerland	131	225-240
3	Transportation - Switzerland	143	50-56
4	How does life in a mountainous region (Switzerland) differ from that in the Panhandle	110	32-34
4	How does life in a mountainous region (Switzerland) differ from that in the Panhandle	111	37-41
4	How people live in a mountainous land (Switzerland)	326	68-74
4	How people live in Switzerland	331	138-142
4	How the people live in Switzerland	330	179-186
			300-302

SWITZERLAND: continued

4	How the people of the Swiss Highlands live	336	51-57
4	Life in a high land (Switzerland)	233	1-2
4	Life in a mountainous country - Switzerland	179	51-57
4	Life in the mountains: Switzerland	312	34-43
4	Living in highlands - Switzerland	255	938-943
4	Living in a mountainous region - Switzerland	251	22-23
4	Living in a mountainous region - Switzerland	606	170
4	Mountaineers of Switzerland	114	25-26
4	Our journey from the Black Hills to Switzerland	488	647-650
4	Swiss people who live in the mountains	468	152-166
4	Swiss unit	307	29-30
4	Switzerland	157	41-42
4	Switzerland	197	65-79
4	Switzerland	200	100-109
4	Switzerland	202	pni
4	Switzerland	258	26-31
4	Switzerland	260	33-35
4	Switzerland	446	114-111
4	Switzerland - a highland country	262	144-152
4	Unit on Switzerland	518	380-381
4-5	Life in highland countries: Switzerland	523	75-77
4-7	Switzerland	426	166-168
4-7	Switzerland a mountain country	426	75-76
5	A picnic in Switzerland	600	315-317
5	Switzerland	184	84-87
5	Switzerland	506	48
5	A trip to the Netherlands, Germany, Switzer- land and France	433	57-66
5	A trip to the Netherlands, Germany, Switzer- land and France	437	64-75
6	Alpine countries: Switzerland and Austria	171	81-84
6	Italy, Switzerland, Austria	606	408
6	Life in Switzerland	173	65-67
6	Switzerland	132	815-827
6	Switzerland	506	35-39
6	Switzerland	510	pni
6	Switzerland, playground of Europe and peace center of the world	619	26
6	Training in democracy through study of Switzerland	507	38-43

SYRIA: see Palestine

TATTING: * see also Needlework, Sewing

5	Advanced tatting	411	17-19
5	Elementary tatting	411	14-17
5-7	Resume of the study of fine needlework and laces in grades 5, 6, and 7	411	58
6	Occupational possibilities of lace-making	411	34-36

TAXES: see Government

TEETH: * see also Body, Health

1	Care of teeth	198	16-17
1	The dentist	130	6
1	Strong, beautiful teeth	332	126-127
1-6	Brushing the teeth	610	97-103

TEETH: continued

2	The dentist	130	7
2	Good teeth	506	47
6	Teeth	198	79
gni	Care of the teeth	643	95

TELEGRAPH: * see also Communication, Inventions,
Radio, Science

1-3	Using the telephone and telegraph	116	111-115
5	Telegraph and telephone	373	30-32
5-6	Telephone and telegraph	373	15-18

TELEPHONE: * see also Communication, Invention,
Radio, Science

1-3	Using the telephone and telegraph	116	111-115
1-6	Our telephone system	167	7
2	Telephone	104	15
2	The telephone	430	93
4-8	Telephone exchange	603	92
4-8	Telephone system	603	92
5	Telegraph and telephone	373	30-32
5-6	Telephone and telegraph	373	15-18

TELESCOPE: see Heavenly Bodies, Moon, Science,
Stars, Sun

TEMPERATURE: see Weather

TERRARIUM: see Reptiles

TEXAS: † see also Panhandle, States, United
States, Westward Movement

2	How the thousands of people in Amarillo who do not produce the necessities of life secure them	108	144-150
3	How the facilities offered by Texas bring our communities closer together	108	208-214
4	How does life in a climate that is hot and dry differ from that in the Panhandle	110	18-21
4	How is life in the Panhandle affected by the climatic and geographic conditions	110	46-48
4	How is life in the Panhandle affected by the climatic and geographic conditions	111	55-58
6	Education and culture in Texas	219	78-87
6	How problems of control influence Texas as a part of the world community	498	209-211
6	How Texas attempts to meet problems of health and safety	498	211-212
6	How Texas became a part of the United States	219	72-77
6	How Texas became a part of the United States	229	35-45
6	How Texas creates, adopts, and adapts the arts of the world	498	213-214
6	How Texas makes it possible for children to learn	498	214-216
6	How Texas provides for recreation	498	212-213
6	How Texas secured her political independence	219	65-71
6	How Texas secured political independence	229	35-45
6	How the production and exchange of goods make Texas a part of the world community	498	207-209

TEXAS: continued

6	The migrations of people to Texas and the establishment of a frontier community	219	58-64
6	The migrations of people to Texas and the establishment of a frontier community	229	35-45
6	Texas	252	11
6	Texas and the southwestern plateau	334	pni
6	Texas trades with the rest of the world	219	88-96
6	Texas trades with the rest of the world	229	35-45

TEXTILES: * see also Clothing, Cotton, Manufacturing, Rugs, Silk, Weaving, Wool

1-6	Textile decoration	244	249-250
3	Textiles (Mexico)	142	94-96
3	Textiles	518	659-662
5	Making a quilt for a children's hospital	617	13-16
5	Textiles	412	27-29
5-6	The story of textiles	451	1-118
6	Textile and textile industries	412	47-52
7	Clothing and textiles	412	69-76
7	The meat packing, the textile, and the leather industries of the United States compared with the same industries in other sections of the world	277	178-194
7	Textiles and clothing	488	1424-1434
gni	Batik	273	106
gni	Making things of cloth and yarn	341	97-99
gni	Story of oilcloth	516	42-45
gni	The textile industry historically developed	622	324-326
gni	Textiles	640	264
gni	Jute	286	1-43

THANKSGIVING DAY: * see also Farming, Holidays, Pilgrims

1	Finding out about Thanksgiving day	430	6
1	Holidays in the home: Thanksgiving	135	98-105
1	Thanksgiving party unit	643	48
			50
			84
1-2	Thanksgiving	231	37-38
1-3	Thanksgiving	634	101
2	Finding out about Thanksgiving day	430	91
2	A Thanksgiving activity	337	66-74
2	Thanksgiving cookies	120	81-88
3	Thanksgiving basket	438	37-39
3	Thanksgiving day	131	170-175
3	Thanksgiving day	435	2
3	Thanksgiving - Pilgrim play	608	247-253
4	The first Thanksgiving	603	66
5	Thanksgiving	332	461-466
6	Planning a Thanksgiving dinner	642	311
6	Thanksgiving	171	176

THEATER: * see also Dramatizing, Marionettes, Motion Pictures, Plays, Puppet

K	Can we build and use a little theater in the kindergarten	166	pni
K	Theater	515	102
K-3	Theaters	604	218

THEATER: continued

1	The little theater	334	pni
1	The stage	620	97-103
1	The theater	120	139-141
1	The theatre	709	19-29
1-3	The theatre	446	26
2	The theater	604	339-342
2	The theater	619	30-35
2	The theater (creative English)	619	28
3-4	Staging a play - transportation	630	396-402
6	Contributing to a pageant	618	277-278
6	The development of the theater	381	52
gni	Pageant	623	240-242

THERMOMETER: see Heat, Weather

THRIFT: ? see also Bank and Banking, Conservation,

	Money		
1	Thrift	619	24
2	Thrift	225	82-84
3	A thrifty people, their homes, families, occupations, and amusements	131	217-219
4-6	Thrift, a regular auditorium project	600	314-315
6	Thrift	506	48

TILES: see Clay, Pottery

TIME: * see also Calendars, Measurement

1-7	Making time lines	514	463-465
3	Development of "telling time"	380	35
3	A study of time	325	79-80
4	The measurement of time and location	227	57-60
4-6	Time	122	1-7
5	Time	119	8-11
6	Measurements of time, space, and quantity	388	44-46
6	Time telling	605	103

TOBACCO: see Farm, Trade

TOOLS: * see also Farm, Machines, Manufacturing

1	A study of tools	136	26-31
1-7	Using and caring for tools	514	447
4	Weapons and tools	640	264
4-6	Use of hand tools	272	80
5	How to keep our new tools	603	66
7-8	Sharpening tools	488	1490-1491
8	Making and using tools and machines since prehistoric times	442	36-39
gni	Bolts and nuts	516	49

TOURISTS: see Travel

TOWN: * see also Cities, Country

1	Town	130	2
2	Description of the building of a town	174	5-8
2	How may a study of the town of Elkins Park help the child to a better understanding of his environment	166	pni
2	Our town	103	143-151
2	Our town	166	pni
3	What the town does for us	175	16-17

TOYS: *

K	Making needed toys	604	192-194
K	Making toys	611	95-97
K	A toy shop	308	2-3
1	Building and sailing our boat	603	68
1	Experiences with toys	630	323-324
1	Making, playing with, and caring for our toys	108	39-45
1	Making toys	136	7-19
1	Material in toys	136	23-26
1	Our toys	320	23-29
1	Selling toys	136	19-23
1	Toy shop	315	95-99
1	Toy shop	380	19
1	The toy store	173	94-97
1	Toys	237	102
1	Toys	309	26-36
1	Toys and gifts	231	18-19
1	Toys in the city	636	280-295
1-3	Toys, holidays, and special occasions	118	49-53
1-6	Finding and making objects that float	609	268-270
1-6	Making toys, wind, water, and steam power generators	609	277-280
1-6	Making whistles	609	372-374
1-6	Showing how our toys work	609	332-335
1-6	Toys	167	11
2	Adventuring with toys	496	34-43
2	A Santa Claus toy shop	304	84-88
2	The toy shop	117	194
2	The toy store	334	pni
3	The toy shop as an activity in fine arts	332	401-406
4	Adventuring with toys	612	1-242
4	Our sand table	439	13
4	Toy industry	183	110-115
4-7	Making toys	486	54
6	Toys and toy making	605	103
gni	Kite carnival	623	422-425
gni	Making toys	618	293-294

TRADE: * see also Business, Commerce, Fur Trade, Industry, Money

1	Buying for mother	642	309
1-3	Traders and trading posts	403	25-28
2	Buying groceries for mother	642	309
3	Buying for mother - making change to \$2.00, groceries, toys, clothing	642	310
3	Norfolk as a tobacco station	380	35
3	Trading post	380	35
3	Wholesale houses	187	209-240
4	Exchange of goods	104	19
4	How early people sailed the seas for adventure and trade	217	80-91
4	How early people sailed the seas for adventure and trade	227	19-23
4	The trade routes	468	301-302
4-7	Products in world trade	426	226-231
4-7	The shift of trade to the Americas through the accomplishments of explorers and discoverers	426	235-239

TRADE: continued

4-8	Trade	603	92
5	Buying the home coal for the year	642	311
5	How man has learned to travel and transport goods	228	44-49
5	School shopping	642	311
5	The western hemisphere as a trade unit	243	111-125
6	Buying groceries to best advantage	642	311
6	Exchange	252	10
6	The milk buying	642	311
6	Trade, transportation, and communication	190	275-281
7	Development of trade - exchange of commodities	262	333-347
7	Development of world-wide methods of exchange	488	1063-1067
7	How the American people trade	152	184-185
7	How the American people trade	301	36-39
7	Trade	245	10
7	Trade and transportation	114	69
7	World trade	488	737-740
7-8	Trade and commerce	423	1-16
7-8	The United States trades with the world	454	1-125
8	Development of world methods of exchange, barter, money, banking, etc.	262	434-440
gni	Trade	160	pni
gni	Trading, the "middleman" service	635	173

TRAFFIC: see Automobiles, Police, Safety, Streets, Transportation

TRAILS: see Streets

TRAINS: * see also Railroads, Transportation

K	An activity on trains	243	36-41
K	Our train and station	123	28-30
K	Train	515	102
K	The train	628	302-304
K	A train and station activity	628	299-302
K	Trains	632	148-158
K	Trains carry people and freight from place to place	481	70-89
K	Traveling by train	166	pni
1	Our study of the train	105	23-24
1	Passenger trains and buses	186	229-240
1	Playing train	207	134
1	A study of trains	632	116-130
1	The train	207	65-68
1	The train we built	123	1-4
1	Trains	120	136-138
1	Trains	443	99-109
1-2	Trains	783	1-20
1-3	Trains, airplanes, boats	640	175
2	Freight, freight trains, and trucks	186	287-306
2	Trains	104	15
2	Trains	233	1-2
2	Trains	332	874-877
2	Trains	417	62-66
3	Trains	605	100
3-4	A train trip	181	pni

TRAINS: continued

4	Trains	605	101
4	Travel by train	606	161
4	Travel by train, the Po Valley, the Alpine region	152	65-66
4-6	Trains	605	354-355

TRANSPORTATION: * see also Airplane, Automobiles, Boats, Railroads, Ships, Steamboat, Trains, Travel

K	Atlantic City bridge	380	11
K	How to use a street car	481	41-53
K	Transportation	242	5-23
K	Transportation	339	24
K	Transportation - boats, airplanes, trains	625	133
K	Trucks	607	201-203
K-1	Transportation	104	13
K-1	Transporting	456	25
K-2	Transportation - air	390	104-117
K-2	Transportation - land	390	76-88
K-2	Transportation - water	390	89-103
K-3	Transportation and communication	604	258-261
K-3	Transportation by streetcar and ferry boat	628	275-276
1	Moving things	482	50-58
1	Transportation	337	41-42
1	Transportation	615	251-252
1	Transportation - boats	107	1-26
1	Transportation (city)	130	2
			6
1	Transportation (country)	130	6
1	Transportation (farm)	130	2
1	Transporting	458	6
1-2	Transportation - the rolling store	211	254-264
1-2	Using transportation facilities	212	48-54
1-3	How people and goods are carried	117	129-131
1-3	The relationship of transportation to our interdependence within the greater world community	317	43-63
1-3	Using transportation facilities	116	105-106
1-6	Receiving and transmitting ideas; transporting persons and commodities	238	54-60
1-6	Transportation - automobile trip	167	9
1-6	Transportation in United States	244	272-280
1-6	Transportation - railroads	167	8
1-6	Transportation - steamer - airplane	167	44
2	Building a street car	604	245-248
2	Cars: pleasure, truck, bus	104	15
2	Cars, trucks	104	15
2	Community, communication, and transportation	262	75-82
2	Community transportation	231	30-32
2	Community transportation	404	164-170
			177-178
2	Freight, freight trains, and trucks	186	287-306
2	How does our community provide for transportation and communication	514	77-80
2	Land transportation	337	75-80
2	Land transportation	521	8-15

TRANSPORTATION: continued

2	Street cars	186	337-350
2	A study of transportation	604	251-256
2	Transportation	102	208-214
2	Transportation	130	4
			7
2	Transportation	327	60-67
2	Transportation	380	27
2	Transportation	443	159-165
2	Transportation	603	58
2	Transportation	619	25
2	Transportation and communication in the community	108	96-105
2	Transportation and communication in the community: trains, airplanes, buses, radio station, post office	444	14
2	Transportation (city)	130	7
2	Transportation unit	257	5-12
2	Transporting	456	29
2	Wagons	104	15
2-3	Helpers in transportation and communication	486	5
3	Desert transportation	510	pni
3	Development of water transportation	325	95-99
3	The elevated cars	325	117
3	The evolution of transportation	300	1-34
3	How does physical environment affect communication and transportation	514	107-109
3	How transportation and communication have brought communities closer together	108	156-164
3	Living and growing with transportation: air travel	120	133-135
3	People of the world contributing to transportation, clothing, and shelter needs	520	103-104
3	A study of means of transportation in the United States	496	43-55
3	Switzerland, transportation	143	50-56
3	Transportation	130	5
3	Transportation	182	58-60
3	Transportation	201	69-99
3	Transportation	206	pni
3	Transportation	264	329-334
3	Transportation	289	181-195
3	Transportation	380	35
3	Transportation	402	25-29
3	Transportation	701	1-31
3	Transportation - airplanes	305	54-57
3	Transportation and communication	247	1-54
3	Transportation and communication	251	8-9
3	Transportation and communication	486	11
3	Transportation and communication	142	148-155
3	Transportation - boats	305	45-51
3	Transportation by air	510	pni
3	Transportation by water	510	pni
3	Transportation - local	380	34
3	Transportation of Bakersfield	129	3
3	The transportation of Sacramento	431	49-54
3	Transportation of Sacramento	435	60-67

TRANSPORTATION: continued

3	Transporting	456	35
3	Using means of transportation	330	140-149
3	Using means of transportation	331	110-116
3	We study transportation	603	68
3	Workers who help us secure transportation	129	3
3-4	Developing and using air transportation	213	81-87
3-4	Staging a play - transportation	630	396-402
3-4	Transportation	620	33
3-4	Transportation by water	243	84-98
3-4	Using water transportation	213	73-81
4	How do ways of communication and transportation help to advance the frontier	518	664-665
4	How do ways of transportation and communication serve to advance frontiers	514	144-147
4	How waterways affect the industries of our nation	381	41
4	Means of travel and communication in and to California	619	26
4	Modes of travel and transportation	336	26-29
4	Transportation	506	48
4	Transportation	613	160-164
4	Transportation	620	164-170
4	Transportation and communication	104	19
4	Transportation and communication in California	129	3
4	Transporting	456	40
4	Travel by beasts	606	161
4-6	Becoming acquainted with the heroes of transportation and communication	116	178
4-6	Bridges	605	354
4-6	Developing and using means of transportation	116	176-177
4-6	Developing means of air transportation	116	175
4-6	Developing our civilization by the aid of transportation and communication	116	172-173
4-6	Discovering how natural forces may affect transportation and communication	116	171-172
4-6	Discovering how water transportation has changed since the time of the Vikings	116	173-174
4-6	Investigating migration movements as a phase of transportation	116	178-179
4-6	Transportation	605	176-192
4-6	Transportation and communication	117	139-142
4-7	The development of transportation	426	131-134
4-7	Transportation and commerce	426	124-127
4-7	Transportation facilities in Rochester today	426	94-95
4-7	Transportation facilities of early Rochester	426	93-94
5	Airways, highways, waterways, railways, radio, and mail as connecting ties	387	12-14
5	The history of transportation in the United States	735	1-19
5	How do inventions and discoveries improve our means of transportation and communication	514	185-192
5	How man has learned to travel and transport goods	218	108-123

TRANSPORTATION: continued

5	Modern air travel	605	102
5	People moving westward in search of better land and becoming increasingly interdependent as methods of transportation and communication are improved	520	105-106
5	Pioneering in air and land transportation	121	124-127
5	Pioneering in transportation on water	121	108-109
5	The San Francisco-Oakland bridge and San Francisco harbor	233	1-2
5	Transportation	404	463-499
5	Transportation	446	128-132
5	Transportation	447	92-94
5	Transportation	625	134
5	Transportation - airplane	447	93-94
5	Transportation and communication	512	13-30
5	Transportation and communication in Santa Clara County	619	29
5	Transportation and communication in the U.S. today and yesterday	233	1-6
5	Transportation - gas engine and the automobile	447	92-93
5	Transportation in the U.S. from pioneer days until the present	129	4
5	Transportation - its development in the United States	313	56-66
5	Transportation on land	119	13-15
5	Transportation - steam power: the steam engine, the steamboat, the locomotive	447	92
5	Transporting	456	45
5	Travel and transportation	332	187
5	Water transportation	625	61
5-8	Transportation	401	23-24
6	Airways and waterways connect all parts of world	388	12-14
6	Development of industry and transportation	177	pni
6	The development of transportation	641	60
6	Facilities for transportation and communication in the United States	434	14-22
6	How has the universal need for means of transportation and communication been met	491	194-208
6	How man has learned to overcome distance by developing effective modes of transportation	249	1-78
6	Story of transportation and communication	388	17-23
6	Trade transportation and communication	190	275-281
6	Transportation	194	71-82
6	Transportation	252	4
6	Transportation	463	10-11
6	Transportation	464	7
6	Transportation on land	445	171-185
6	Transportation through the ages	381	52
6	Transporting	456	53
6	Travel and transportation	444	18
7	The development of transportation and communication	254	44-49

TRANSPORTATION: continued

7	How do methods of transportation and communication affect cooperative living	514	283-286
7	Some of the world's greatest trade routes	332	220-222
7	Trade and transportation	114	69
7	Transportation	163	1-17
7	Transportation	242	210-227
7	Transportation and communication	152	178-181
7	Transportation and communication	279	35-49
7	Transportation and communication	301	19-26
7	Transportation and communication	396	24
7	Transportation and communication in our community	614	214-221
7	Transportation routes	114	77
7	Transporting	456	59
7	Traveling, transportation, and communication	442	20-22
7-8	Transportation and communication	424	1-23
7-8	Transportation and travel in the United States	208	137-140
8	The development of transportation	488	1127-1135
8	Modern transportation	406	40-41
8	Things and how they are moved	406	42-43
8	Transportation	243	31
8	Transportation and communication	113	210-217
8	Transportation and communication	391	380
8	Transportation - land, water, air	262	404-413
8	Transporting	456	67
gni	Elevators	516	27-28
gni	Transportation	618	64-65
gni	Transportation	635	173
gni	Transportation and communication	633	43
gni	Transportation by land	374	9-56
gni	Transportation in Omaha	400	45-46

TRAPPING: see Animals

TRAVEL: * see also Recreation, Transportation,

	United States		
K	Modes of travel	250	4
K	Traveling by train	629	33-37
K	Traveling in the air	629	42-45
K	Traveling on an ocean liner	629	38-41
K	We go a-traveling	186	89-95
K-3	Travel in many lands	272	36-37
1	How do members of our family travel from place to place	514	46-47
1	How members of the family travel and communicate	108	63-71
1	How members of the family travel and communicate	498	169-170
1	How the community helps the family travel and carry goods	214	42-52
1	How the community helps the family travel and carry goods	223	16-24
1	Planning an automobile trip	330	377-378
1	Travel in Georgia	123	13-16
1	We like to travel	123	4-12
1-6	Traveling	167	10

TRAVEL: continued

1-6	Traveling	610	235-240
2	How people in our neighborhood travel and communicate	498	177-178
2	How we travel	608	45-69
2	Workers who help us travel	505	273-280
3	How men traveled in primitive times	510	pni
3	How people and goods travel	175	24-29
3	How we get about	416	18-19
3	Making a trip around the world	629	129-134
3	Motor travel and highways	510	pni
3	Travel	131	235
3	Traveling around the world	506	21-28
3	Traveling in old and new ways	629	123-128
3	Vacation travel	608	189-214
4	Getting ready to travel	114	14-15
4	How people and news traveled in settlement days	169	17-23
4	How we travel	131	465-492
4	How western lands were opened for fur trade and travel	169	55-61
4	A motor trip along the west Michigan pike	190	95-97
4	A motor trip from Ironwood to Detroit	190	98-101
4	Our journey from Rhode Island to Switzerland	197	65-79
4	Sightseeing in the United States	381	40
4	A trip across the United States from South America	197	116-118
4	A trip across the United States from South America	488	659-660
4	A trip across the United States to see how other people of our country live	336	35-41
4	We cross our United States	416	38-39
4	Our trip to the polar regions	488	653-654
4	Travel by automobile: the plain of France	152	70-72
4	Travel by beasts	152	59-65
4	Travel by boats	152	66-69
4	Travel by men: the jungle region of the Congo	152	56-59
4	Travel by men: the jungle region of the Congo	606	161
4	Travel by train	606	161
4	Trip along the Lincoln Highway	260	23-28
4	Trip around the world	600	311-312
4	A vacation trip through California	284	pni
4	What we have learned in our travels	114	28-29
4-5	American genius at work: Story of railroads; Story of steamships; Other ways of traveling and communicating	524	110-115
4-6	Discovering how people travel in different countries	110	177
4-6	How we travel and communicate	118	70-74
5	Changed methods of travel and communication	387	41-43
5	History of travel	605	102
5	How man has learned to travel and transport goods	228	44-49
5	How we travel	605	32
5	Modern travel in our country	283	pni

TRAVEL: continued

5	A North Cape cruise	433	47-56
5	A North Cape cruise and a trip to Russia	437	48-56
5	Travel and transportation	332	187
5	What places of interest in the Americas attract tourists from all parts of the world	110	84-87
5	What places of interest in the Americas attract tourists from all parts of the world	111	93-97
5	What the dark continent hid from us	381	47
6	How man has improved his means of travel	282	29-30
6	Our trip abroad	789	32-42
6	A study of the continents	262	328-332
6	Travel and transportation	444	18
6	Travel on land, on sea, and in the air	740	1-15
8	Communication and travel	254	62-67
gni	The history of travel	620	33
gni	How to make travel on the streets and highways safer in Florida	210	24-41
gni	Travel in the United States	620	33

TREES: * see also Forests, Lumbering, Nature Study, Wood

K	Some trees that keep their leaves all winter	240	31-32
1	Leaves	308	11
1	The maple tree in winter	340	35-37
1	Preparation of trees for winter	340	34-35
1	Trees in poetry	308	12-13
1	Trees in the fall	340	21-24
1-3	The home or the community (flowers, trees, plants, shrubs, seeds, vegetables, etc.)	447	17-18
1-6	Discovering which trees waken first	609	378-380
1-6	Keeping a diary of fall visits to a favorite tree	609	136-138
1-6	Keeping a spring diary of a tree	609	375-377
1-6	Learning to know the common trees and their uses	609	159-162
1-6	Planting a tree	609	388-391
1-6	Starting trees from seeds	609	384-387
2	Enemies of trees	332	129-131
2	Leaves and seasons	506	47
2	Trees and leaves	619	25
2	Tree dwellers	130	7
2	Tree study	340	71-72
2	Trees	340	62-63
2	Trees in our neighborhood	331	93-96
2	Trees in spring	340	82-83
3	Tree friends - a conservation unit	311	49-57
3	Studying trees of southern California	604	130-147
3	Trees	386	12
3	Trees	619	29
4	California trees	447	47-49
4	California trees	605	101
4	Conserving and protecting the trees in our community	494	176-181
4	The tree, man's friend	519	34-43
4	Trees	168	10-12

TREES: continued

4	Trees	739	1-9
4	Trees and their value to man	332	172-173
4	Trees, plants, and shrubs	447	43-44
4-6	Trees	180	22-26
4-6	Trees and flowers in design	118	74-76
4-7	Tree study	486	57
5	California redwoods	446	144
5	Conservation and protection of trees in our community	496	64-74
5	Nature study - trees	262	264-267
5	Trees	168	48-50
5	Trees and forests	343	pni
5	Trees and forests	346	1-14
5-8	Trees	151	31-52
6	Soil, trees, water	519	58-75
6	Trees	168	84-88
6	Using and conserving trees	103	179-183
7	Our native trees	613	199-203
7	Trees, their need of preservation	276	59-60
			68
			70-71
8	How to know some of our trees	332	240-243
gni	A study of trees	181	pni
gni	Study of trees	618	112

TROPICS: ?

4	How do people live in the tropics	603	70
4	Life in semi-tropical lands (Mexico)	233	1-5
4	Life in tropical lands (African Congo, Philippine Islands)	233	1-3
4	Life in tropical lands (the Amazon basin)	233	1-7
4-6	Life in tropical, wet lands	272	59
5	Tropical life in Mexico and Central America as contrasted with life in the United States	387	59-61

TRUCK FARMING: see Farm, Vegetables

TRUCKS: see Automobiles, Fire Department,
Transportation

TURKEY: see Asia

TURTLE: see Animals, Reptiles

UNITED STATES - GEOGRAPHY: † see also Geographical
Regions, Geography, States

3	Wayne County	190	68-71
3-4	Regions of the United States	509	34-42
4	A general view of our country	190	103-110
4	Our country	446	98-102
4	The outlying possessions of the United States	190	134-138
4-6	The United States	391	307
4-7	Neighbors and island possessions of the United States	426	28-31
			52-54
			137-155
			265-268

UNITED STATES - GEOGRAPHY: continued

4-7	Our nation, the United States	426	25-28 50-52 109-137 258-265 109-111 10-11
4-7	United States as a whole	426	
5	Bird's-eye view of the United States	313	
5	The geography of the southern part of our country	396	4 22
5	The geography of the western part of the United States	396	6 22
5	Getting acquainted with the United States	129	4
5	Glimpses of our country	158	15-18
5	Other parts of our nation	396	6 23 46 45-46 pni 683-685 6 22 pni 67 61-67 pni 62-65 2-5 218-221 pni 347-354 6-42 244-252 6 1-3 453-468 45-49 120-130 66
5	Our country's possessions	381	
5	Possessions of the United States	114	
5	Summary - a survey of the United States	510	
5	Survey of United States	488	
5	An understanding of the outstanding characteristics of the United States as a whole	396	
5	The United States	283	
5	United States as a whole	339	
5	The United States has acquired remote territories and possessions	267	
5	Why is the United States the greatest nation in the world	166	
5-6	Geography - the United States and Canada	467	
6	Map review of the United States	434	
6	An overview of North America and of the United States as a whole	336	
6	The possessions of the United States	334	
6	The story of our United States map	630	
6	United States	413	
6	United States - a general survey	190	
7	Geographical factors influence living in the United States and our immediate possessions	129	
7	Our country	254	
8	Review United States history; economic, political, and social development of the people of the United States	262	
8	The United States	490	
8	What can we find in our country worth knowing	497	
gni	The United States	400	
UNITED STATES - GOVERNMENT: * see also Government			
5	Can a state break its agreement with the United States - Abraham Lincoln	202	pni
5	Guam	260	76-77
5	How all parts of the United States are linked together	387	12-14
5	How the United States and its possessions are tied together	244	137-143
5	Nation and colonies	625	135

UNITED STATES - GOVERNMENT: continued

5	Our western states are carved out of the wonderland of the continent	267	33-41
5	Relation of the United States to other countries of the world	202	pni
5	The Union in danger	619	26
5-6	Why Great Britain and the United States are closely allied	243	126-141
6	How the United States is bound to the rest of the world	388	12-16
6	Interdependence between the United States and European countries	629	235-242
6	Organization of our new nation	391	341-342
6	Problems of today that involve the United States, the Soviet Union, and the Far East	339	84
6	Some of the problems which the United States has had because of its vast area	334	pni
6	The Union in danger	391	342
6	The Union in danger	619	29
6-8	Foreign relations and policies of the United States	525	18-29
7	Our united nation	220	81-94
7	Sectionalism tests the strength of the Union	269	49-57
7-8	What our national government does for us	208	78-80
8	Constitution of the United States	114	206-210
8	The foreign relations of the United States	254	101-109
8	The founding of our country (discovery to adoption of the constitution)	396	24
8	How the United States was organized by the thirteen early states	334	pni
8	The place of United States in a world setting	205	pni
8	The preservation of the Union	405	42-44
8	The relations between the United States and other world powers	280	8A15-8A24
8	The United States a world power	405	48-50
UNITED STATES - HISTORY: † see also History			
4	How our nation began	629	159-168
5	After a break over the slavery question the nation becomes united	132	264-282
5	The growth of the United States	619	26
5	How did the United States grow to its present size	491	146-158
5	How the country became the United States of America	510	pni
5	How the new world was discovered and settled	114	32
5	How the United States became really united in spirit	152	102-105
5	How the United States became really united in spirit	606	162
5	How the United States came to be a nation	244	97-103
5	How the United States grew larger	510	pni
5	How the United States moved west from New York to San Francisco	629	207-215
5	Leaders of United States during the last century	244	144-149

UNITED STATES - HISTORY: continued

5	The making of the United States	619	26
5	Men and women who have helped our nation	197	148-151
5	People who have helped in the expansion of the United States	244	119-126
5	Stories about how our nation almost became divided	396	6 22
5	Thirteen colonies became the United States	202	pni
5	The United States becomes a leader among nations	132	334-366
5	United States becomes free from slavery	197	143-146
5	The United States becomes free from slavery	488	570-573
5	The United States establishes itself as a nation	132	223-234
5	The United States from the revolution to the present time	132	224-366
5	The United States grows to be a world power	202	pni
5	The United States in recent years	619	26
5	The United States; the Louisiana Purchase	237	107-110
6	The development of the United States since the war between the North and South	391	342-343
6	From Buffalo pasture to statehood	488	593-595
6	How our European ancestors found the country in which we live	336	178-182
6	The making of the United States	619	29
7	Building our nation	252	18-19
7	The growth of a nation	237	112-113
7	How has the United States become the cosmo- politan country that it is today	271	10-32
7	How the new nation struggled to make itself respected at home and abroad	335	19-22
7	How the people of the United States became truly united	335	30-34
7	The United States becomes a cosmopolitan country	269	9-17
7	The United States becomes a cosmopolitan country	271	1-9
7	The United States becomes a world power	269	66-73
7-8	The history of our nation	467	74-78
7-8	How our country was settled	208	57-58
8	The development of the United States as an independent nation	246	25-30
8	Establishment and development of a new nation	405	36-38
8	Gaining our freedom and starting our government	442	49-52
8	How our country was founded	398	pni
8	How the people of the United States have attempted to solve the problems of the machine age	335	38-40
8	How the people of the United States have conducted their foreign affairs since the early national period	335	46-49
8	How the United States achieved and main- tained its place among nations (adoption of the Constitution until the present)	396	24

UNITED STATES - HISTORY: continued

8	How the United States achieved its place among the nations	398	pni
8	How the United States became a world power	334	pni
8	The ideals and problems of our country	396	24
8	Internal improvements in the United States since the Civil War	334	pni
8	The nation divides and re-unites	280	8A38-8A49
8	A new period to 1897	391	384-385
8	Struggle of the white man for the red man's continent	152	210-211
8	The thirteen colonies become a nation	280	8A1-8A14
8	Three decades of development - 1865-1895	405	45-47
8	The United States after 1914. Current problems	152	237-238
8	The United States becomes a world power	488	626-630
8	United States expansion	262	441-447
8	The United States reaches the limits of expansion in North America and adopts the principle of protection	488	1137-1145
8	The United States since the World War	488	630-632
gni	Growth of a nation (United States)	635	176-177
gni	The story of our country	400	71

UNITED STATES - INDUSTRIES: * see also Industries, Work and Workers

5	The United States develops industrially	132	283-333
5	The condition of our nation	197	151a-151c
5	Economic regions of the United States	624	46-50
5	How the United States supplies its wants and needs	641	60
5	Survey: how people of United States make a living	321	176-183
5	What does Norris Dam mean to us	497	96-104
6	How we use our country's resources and equipment to fulfill our people's need for satisfying employment	434	56-59
7	Uncle Sam - rich man of the world	603	70

UNITED STATES - LIVING IN: * see also Living, Manners and Customs

4	Differences in our living and that of many world folks	244	77-80
4	How people live in different parts of our own United States	396	21
5	How modern invention has changed living conditions in the United States	387	37-43
5	How our nation has grown and how ways of living have rapidly changed in the last seventy years	396	6 22
5	How the people of the various parts of the United States live today	387	15-27
5	Life in the new nation under conditions of increasing interdependence	520	106-107
5	Work and play in the United States and how our neighbors live	621	92
5	How the United States won the respect of the nations	416	53-55

UNITED STATES - LIVING IN: continued

5	What has made the United States a safe and desirable place in which to live	387	44-58
5	Why our country is a good place in which to live	606	162
7	The chief factors in the high standard of living of the United States	152	173-174
7	Where the people of the United States live and why they live there	301	32-35
7	Why we have English rather than Latin institutions	208	53-55
7	The young nation changes its way of living	269	34-41
7	Where the American people live and why they live there	152	182-184
7-8	Our national life	620	36
7-8	The people of the United States	208	124-127
8	How mode and manner of living have changed in the United States	396	25
gni	Life in the United States	400	67

THE UNIVERSE: ? see also Heavenly Bodies

3	The universe	240	119-124
4	Our universe and its forces	241	26-32
5	Elements that make up the universe	241	52-56
6	What discoveries have been made about the universe	484	43-68
7	The universe	176	173

URBAN LIFE: see Cities

UTAH: see States

VACATIONS: see Recreation

VALENTINE'S DAY: * see also Holidays, Special Days

1	St. Valentine's Day activities	430	7
1-2	Valentine Day	231	46-41
1-6	Making valentines	167	27
1-8	St. Valentine's Day and its contribution to the arts	332	416-419
2	The party unit: Valentine party	257	30-32
2	St. Valentine's Day activities	430	92
3	Valentine's Day	435	5
gni	Valentines	628	283-285

VALLEY: ? see also Geography, Mountains

1-6	Tracing the story of a stream valley	609	440-443
4	The great valley	131	355-380
4	The great valley	284	pni
5	Great rivers and valleys of North America	282	25
5	Interesting things observed at the sea, in valley or mountains	129	4

VAPOR: see Water

VEGETABLES: * see also Farm, Food, Gardening, Grocery, Markets

K-1	Common fruits and vegetables	261	6-7
1	Food, community vegetable market	472	1-5
1	Vegetable gardening	473	pni
1-3	The home or the community (flowers, trees, plants, shrubs, seeds, vegetables)	447	17-18

VEGETABLES: continued

1-3	The vegetable store	446	25-26 52
2	Fruits and vegetables	138	24-29
4	The vegetable garden	447	46
6	Fruits, grains, vegetables, nuts, etc.	461	pni
6	Vegetables and truck farming	462	21-22
7	Natural vegetation	114	73
8	Fruits and vegetables	332	13-14

VENTILATION: see Air, Health, House, Sanitation

VIKINGS: † see also Cold Countries, Norway, Polar Regions, Scandinavian Countries, Sweden

3	Learning about Vikings	630	310
3	Viking life	327	82-89
3	Vikings	418	66-70
4	The Viking ship	468	100-101
4	A Viking ship panel	468	97-99
4	The Vikings	262	166-176
4	The Vikings	488	972-974
4	What does the map tell us about the countries in which the Vikings lived	468	36-39
4	Why didn't the Vikings live from what their land and the sea would give them	468	40-43
5	The Vikings	641	60
6	The Vikings	202	pni
6	Vikings	605	103
7	On the trail of the Vikings	389	19-28

VILLAGE: see Cities

VIRGIN ISLANDS: see Islands

VIRGINIA: † see also States, United States

4	The adventures of Captain John Smith in Virginia	381	41
4	Makers of Virginia's modern history	381	41
4	Representation of the first Virginia assembly	381	40
5	How the colonists lived in Virginia	170	61-67
6	West Virginia pioneers - how the pioneers provided for the needs of life	518	669-674

VISUAL EDUCATION: see School

VOCATIONS: see Industry, Occupations

VOLCANOES: see Mountains

VOYAGES: see Discovery, Exploration, Travel

WAKE ISLAND: see Islands

WALES: see British Isles

WARS: ? see also History, Revolution

6	Gunpowder	447	127
6	How our ways of living brought on the war between the states	179	145-150
6	Some interesting facts about the World War	603	70
6	When the North fought the South	603	70
6	Why did we have slavery in America	603	66
6	World War	486	96-130

WARS:	continued		
7	The war for independence	391	365-366
8	The Civil War	391	382-383
8	How the World War affected the United States and the world	335	49-52
8	The war between the states	488	621-624
8	The War of 1812	391	375-376
8	The World War and peace	391	391-392
WASHINGTON, GEORGE:	* see also Birthdays, Holiday, Special Days, United States Government		
1	George Washington	340	44-45
1	Who was George Washington	603	65
1-3	Washington's Birthday	634	101
2	George Washington	340	76-77
2	George Washington	506	47
3	How George Washington lived	603	65
3	Washington's Birthday	435	4
3	Washington's Birthday	608	296-304
4	Our first President	603	65
5	George Washington's home	603	66
6	Washington's bicentennial	603	66
6	Washington's Birthday	171	177
7	The life of George Washington	603	66
gni	The life of George Washington	618	97
WATER:	* see also Mountains, Ocean, Rivers, Science		
K	Water changes its form	240	33-34
1	Fresh water to drink	332	120-121
1	Water	792	9-16
1	Water, vapor, ice	340	37-38
1	The work of running water	240	61-62
1-3	Water	117	171
1-3	Water	447	22
1-3	Water, ice, steam	621	100
1-4	Air and water	382	1-6
1-4	Importance of water to Norfolk	382	54-57
1-6	Exploring a brook or pond	609	436-438
1-6	Making a study of snowfall	609	258-260
1-6	Observing the effects of an April shower	609	366-368
1-6	Water supply	606	415
2	How water works for us	240	101-103
2	Water	340	73-74
2	Why water is necessary to all forms of life	488	1228-1229
3	Forms of water and effects of water	343	pni
3	Importance of water	226	85-92
3	The importance of water	332	143-144
3	Some objects float, while others sink	240	158
3	Water and its effects	359	1-15
3	Water life	332	158-159
3	Work of water	340	96-105
4	Liquids	488	1259-1260
4	The part water plays in life	332	166
4	Water	447	51-52
4	Water	619	26
			48-68
4	Water	620	176-181
4	Water and its uses	151	52-63

WATER:	continued		
4	The water cycle	332	165-166
4	Water in California	606	161
4	Water supply in California	605	101
4-6	Water	117	171-173
4-8	Local water system	603	92
4-8	Pumping station	603	92
5	Pure water supply	332	181-182
5	A study of water	441	48-53
5	Water	447	86
5	Water	619	29
5	Water cycle	483	64-74
5	Water power and centers of manufacture - some large cities of the northeastern sections	158	71-72
5-6	Water	383	1-6
6	Soil, trees, water	519	58-75
6	Water	447	116-117
6	Water as a factor in the environment of living things	229	88-94
6	Water in relation to animal and vegetable life	640	252
6	Water: sources, uses, and conservation	332	202-203
7	Air and water	606	160
7	Land and water areas	488	726-728
7	Making use of water	406	24-26
7	Power: water, coal, oil, etc.	603	70
7	Properties, uses, and control of water	176	175
7-8	Water and its relation to the changing surface of the earth	255	19-23
8	Control of flow of water in buildings	276	116
8	Obtaining and distributing water	276	115-116
			120-121
8	Protecting our watersheds and sources of water	276	119-122
8	A study of water and its uses	488	1328-1333
8	Water - its nature and its uses	276	114-122
gn1	Ice, coal, and oil	516	19
gn1	Lakes	273	51

WATERWAYS: see Transportation, Water

WEALTH: see Money

WEATHER: * see also Air, Climate, Seasons, Wind

K-1	Weather	640	251
1	Air and weather	440	24-28
1	Influence of weather upon man	332	121-124
1	Studying the weather	330	367-368
1	The weather	340	32-33
1	Weather changes - spring	320	39-45
1-2	Weather and climatic conditions	632	195-205
1-3	The weather and the seasons	447	23-24
1-4	Weather	382	60-63
1-4	Weather (autumn, winter, spring)	117	169-170
1-6	Learning to guess temperature	609	265-267
1-6	Observing the happenings on windy days	609	363-365
1-6	Setting up a simple weather station	609	273-276
1-6	Weather problems	167	33

WEATHER: continued

1-7	Making a rain gauge	514	442-443
2	Air, heat, light, and weather	640	251
2	Clouds and fog	308	20-21
2	The effect of air and weather upon our activities	225	40-44
2	The effect of air and weather upon our activities	332	134
2	Weather and health	265	105-109
2	Weather (fall)	340	57
2	Weather (winter)	340	68
3	Shadow study - weather	340	93-96
3	Weather	778	12-18
4	The seasons and the weather	447	53
4	The weather	282	20-21
4	Weather	605	101
4	Weather and temperature	237	97-98
4	The weather bureau and its work	227	51-56
4-6	Fogs and clouds	621	100
4-6	Weather (autumn, winter, spring)	117	169-170
4-6	The weather bureau	621	100
4-6	Wind, clouds, rain, ice, and snow	793	32-48
5	Rainfall, forests, and soil	640	252
5	The seasons and the weather	447	87-88
5	The weather	176	163
5	Weather	235	1-6
5	The weather	241	57-61
5	Weather and climate	235	1-3
5	Weather and climate	343	pni
5	What is weather	129	4
5-6	Weather	627	91-92
5-6	Weather and climate	347	1-11
5-6	Weather and the weather bureau	383	29-37
6	The seasons and the weather	447	118-119
6	Weather	488	1291-1295
6	Weather and air transportation	640	252
6	Weather and its prediction	332	200
6	Weather and weather forecasting and their effect on the activities of man	121	59-62
7	Changes in the weather result from irregular changes in the amount of energy that reaches the surface of the earth from the sun	253	41-49
7	Weather and climate	606	160
7	The weather bureau	243	176-184
7-8	Weather and climate	255	13-18
7-8	What causes weather and climate and how do they affect us	393	1-20
8	Air and weather	406	44-45
8	Our weather	488	1333-1334
gni	Our weather bureau	243	34

WEAVING: * see also Clothing, Cotton, Handwork, Industry, Manufacturing, Silk Textiles, Wool

1	Weaving paper, yarn, or cloth rugs or mats	207	96-97
3	Dyeing and weaving rugs	182	82
4-7	Spinning	486	55

WEAVING: continued

4-7 Weaving	486	58-59
gni Early man of the Southwest; the story of basket weaving	398	pni
gni Rug making	273	110-111
gni Rugs and carpets	516	8-11

WEEDS: see Flowers, Plants, Wildflowers

WEST: see United States, Westward Movement

WEST INDIES: † see also Islands

4-7 Mexico, Central America, Panama Canal Zone, and the West Indies	426	144-149
5 Central America and the West Indies	190	152-156
5 Cuba	260	84-85
5 Haiti and Dominican Republic	260	84-85
5 Puerto Rico	260	80-81
6 How the West Indies have played their part in western civilization	336	199-203
6 The West Indies and the Bermuda Islands	413	61-65
6-8 The Caribbean countries	524	196-202
7 The long trail to the Indies	389	14-19
7 Mexico and the Caribbean lands	277	69-83

WESTERN HEMISPHERE: see America

WESTWARD MOVEMENT: ? see also America, United States

2-3 Coming west	523	38-41
4 Why the West is a good place in which to live	510	pni
4-5 New frontiers in the West	524	105-110
5 The historical background of the West	158	34-36
5 How the pathfinders opened the way westward to the Pacific	152	95-98
5 How the pathfinders opened the way westward to the Pacific	606	162
5 How the United States moved westward	202	pni
5 How the United States moved westward to the Pacific	416	56-58
5 Interesting stories about the westward movement	396	5 22
5 The United States expands westward	132	235-248
5 Westward movement	148	1-36
5 Our western wonderlands	158	47-48
5 The westward movement	200	162-170
5 Westward movement	307	30
5 Westward movement	308	40-41
5 Westward movement	404	501-537
5 The westward movement	491	46-48
5 The future of the West	158	52-54
5 The old West	510	pni
5 The westward movement of the United States	197	130-134
5 The westward movement of the United States	488	564-567
5 Westward to the Pacific	510	pni
6 '49 overland covered-wagon trip	624	41-42
6 Ways of living of the people who moved westward	179	134-144

WESTWARD MOVEMENT: continued

6	Western expansion and development	391	342
6	Westward, Ho!	619	29
6	The westward movement	799	29-42
6-8	The westward movement	525	30-41
7	America's trek to the West	332	519-527
7	Geography and the westward movement	391	366-367
7	How our ancestors moved westward to the Pacific	335	23-27
7	How the original union of thirteen states expanded to the Pacific	512	L19-L22
7	The nation pushes westward	279	7A12-7A34
7	The westward movement	606	453
7	What caused the American people to move westward	488	613-616
7-8	Westward expansion	208	60-62
8	The great westward growth	334	pni
8	How the developing of the West has influenced our life, character, and attitude	396	24
8	How the developing of the West has influenced our life, character, and attitude	398	pni
8	Life in the New England states and the great westward movement	302	24-29
8	Problems as a national result of change and progress	503	89-99
8	Westward movement	246	15-17
8	Westward movement and Democracy	402	183-205
gni	Westward movement	128	1-7
gni	Western plains unit	605	437

WHEAT: * see also Bread, Cereals, Farm, Grains

1-6	Cereals - wheat	167	3
2	Story of wheat	130	7
2	Wheat	776	10-19
2	A wheat study	625	61
2	Wheat to bread	443	175-188
3	Wheat	512	h16-h24
4	The study of wheat	381	41
4	Wheat and the baking industry	183	68-73
4	The wheat grower	284	pni
5	The "bread basket" of America	200	171-176
6	Wheat and other grains	462	14-20

WHEELS: see Machines

WILD ANIMALS: * see also Animals, Zoo

K	The identification of animals both domestic and wild	480	1-5
1	Circus and zoo animals	235	1-4
1-3	Protecting birds, wild flowers, and wild animals	116	94-96
4	Local wild animal life	235	1-4
4-6	Conserving wild life by means of group control	116	145-148
4-6	Protecting wild and domesticated animals	116	152-155
5	Conservation of wild life and natural resources	387	47-53

WILD FLOWERS: * see also Flowers

1-3	Protecting birds, wild flowers, and wild animals	116	94-96
1-4	Plants and wild flowers	382	45-48
1-6	Learning to know the fall wild flowers	609	163-166
1-6	Making a wild flower gallery	609	356-359
1-6	Making a wild flower survey	609	426-427
1-6	Protecting a wild flower nook	609	423-424
2	Common wild flowers of Santa Clara County	619	25
2	The conservation of wild flowers	343	pni
2-3	The conservation of wild flowers	354	1-9
2-6	Wild flower friends	235	1-5
3	Wild flowers	605	100
4	California wild flowers	446	107
4	California wild flowers	447	47
4	California wild flowers	605	101
4	Garden plants, wild flowers, and weeds	168	29-38
4	Wild flowers	447	42-43
4-6	Wild flowers	621	100
5	Garden plants, wild flowers, and weeds	168	65-73
5-6	Wild flowers and grasses	383	27-29
6	Garden plants, wild flowers, and weeds	168	103-108
6	Weeds as pests	235	1-5
7	Grasses and weeds, as friends and enemies	276	63
			69-71

WILD LIFE: see Animals, Wild Animals

WIND: * see also Air, Transportation, Weather

1	The wind as a force	482	60-72
1	The work of the wind	240	66-68
1-7	Making a wind vane	514	442
4	Course of wind	488	1261
4-6	A wind poetry unit	308	34-36
6	World winds and ocean currents	332	197-198
7	Countries of the temperate monsoons and high dry plateaus	391	358
7	Countries of the warm monsoons	391	358

WINTER: * see also Seasons

K	Living things prepare for winter	240	15-18
1	The coming of winter	309	16-25
1	Man's preparation for winter	340	15-17
1	Nature preparing for winter	308	8-9
1	Preparation for winter	332	117-118
1	Weather conditions - winter	320	15-22
1	Winter	340	24-45
1	Winter brings many changes	240	54-56
1	Winter conditions	488	1222-1223
1	Winter landscape	340	26-27
1	Winter sports	340	38-39
1-6	Mechanics: autumn, winter, and spring	117	175
2	Man's preparation for winter	340	72-73
2	Winter activities	340	66-77
3	Beauties and wonders of the world in winter	493	17-30
4	Preparation for winter	488	1258-1259
4-6	Winter sports	180	43-44
gni	The science of preparing for winter	121	55-57
gni	Scientific preparation for winter	121	57-59

WIRE: see Handwork

WISCONSIN: see States

WOOD: * see also Forests, Handwork, Lumbering,
Trees

1	Sawing wood, making doll house, doll furniture, train, boat	207	104
1-3	Making animals of wood	604	486-487
1-7	Making wooden objects	514	341
2	Life in a pond and in the woods	225	57-62
3	Life in the woods	332	157-158
7	Wood	176	126-134
7-8	Working with wood	488	1488-1489
7-8	Working with wood finishes	488	1490

WOOD CARVING: see Handwork

WOOL: * see also Animals, Clothing, Farm, Manufacturing, Textiles

2	The sheep who give us wool	603	68
2	Story of wool	130	4
			7
2	The story of wool, or of cotton	339	39
3	Cotton, silk, wool, and linen	603	65
3	The story of wool	714	1-15
3	Wool	305	35-42
3	Wool	323	17-19
3	Wool	512	h25-h34
3	Woolens and wool	187	101-142
5	Making a "wool study"	641	174
			256-257
5	Wool	605	32

WORK AND WORKERS: * see also Industry, Living, Occupations, Playing

K-1	Producing, distributing, and consuming goods and services	456	24
K-2	Centers of work and play	186	44-54
1	The community workers	173	68-86
1	Workers on the farm	134	12-23
1-3	The ways people in early Oshkosh earned a living	403	32-35
1-6	Earning an adequate living	238	44-47
2	Producing, distributing, and consuming goods and services	456	28
2	Workers in our own community orchard, truck garden, cannery, pottery, food factory, department store, book store, nursery, hatchery, theater	444	14
2	Workers who help us play	505	269-272
2	Workers who protect us	505	256-260
2-3	Our work today	523	45-48
2-3	People who contribute to supplies	486	5
3	Producing, distributing, and consuming goods and services	456	34
3	Workers	305	26-32
3	Workers who serve the public	129	3
4	How people live and work in Muncie and Delaware county	336	30-34

WORK AND WORKERS: continued

4	Producing, distributing, and consuming goods and services	456	39
4	The varied kinds of work people do	386	20-22
4	The workshop of our nation	381	40
5	How are the needs of man supplied by the work and workers of the world	491	160-178
5	How people make a living in Columbia and Missouri	179	113-121
5	Life in the grazing sections: workers on the range	387	19-21
5	Our country's workers	283	pni
5	Producing, distributing, and consuming goods and services	456	44
6	Producing, distributing, and consuming goods and services	456	51
6	Producing, distributing, and consuming goods and services	463	6-7
7	Producing, distributing, and consuming goods and services	456	57
7	The American people and their work	301	27-31
7	Work of the world	488	729-737
7-8	Making a living	208	82-84
8	Producing, distributing, and consuming goods and services	456	65-66
8	The work of the American people	503	63-72
8	Public service and reform, 1789-1932	391	392-393
8	Public welfare	254	67-72
gni	How to earn a living	210	222-245
WORLD: ? see also Earth, Exploration, Travel, Universe			
K-3	The world in which we live	425	37-41 50-51 74-86 113-116
1	Our living world	792	33-45
1-6	An acquaintance with some of our world neighbors	491	66-72
3	Around the world with the children	380	35
3	How the rest of the world helps furnish our needs	216	134-278
3	Our physical world	794	31-39
3	A trip around the world	380	35
4	Around the world	200	141-151
4	Finding the New World	202	pni
4	How is the New World divided	202	pni
4	A journey around the world	488	660-662
4	Learning about the world through the study of globes and maps	432	2-5
4	Learning about the world through the study of globes and maps	436	50-53
4	Our world and the sun (getting ready for a big adventure)	396	21
4	Our world as a whole	191	11-21
4	Round and round the world	731	1-15
4	The samples and the world	157	56

WORLD: continued

4	A trip around the world	197	119-121
4	World folks	467	54-57
4-6	World relations	391	306
4-7	World relationships through our neighbors in the east and in the west	426	39-41 62-65 225-242 277-278
5	Natural scenic wonders of the world	332	174-176
5	Peopling the New World	152	88-92
5	The western countries	132	388-405
5	World powers	258	65-93
5	The world today - the gift of the past	193	63-73
5-6	A trip around the world	284	pni
6	Many bonds tend to make the world one	268	89-91
6	Other worlds	166	pni
6	Our ever changing physical world	282	30
6	Progressive people of the ancient world	322	113-120
6	The world before written records	396	23
6	The world of long ago	391	340
6-7	Old World backgrounds	284	pni
7	The interdependence of the modern world	152	185-186
7	Our Old World backgrounds	467	70-73
7	Population centers of the world	488	728-729
7	The world before the discovery of America	279	7B1-7B8a
7	World interdependence	396	24
7	A world point of view	114	63-64
7	World relationships	277	208-219
7	World trade	488	737-740
7-8	The surface of the world	255	54-60
8	The heritage of the modern world	254	89-94
8	How the nations of the world are attempting to solve international problems	335	52-53
8	World development	254	109-113

WORLD WAR: see Wars

WRITING: † see also English, Records

1	Copying name from model	207	110
1	Handwriting	133	40-54
1	Period of beginning writing	224	47-48
1	Period of writing at the seats using large pencils and writing large	224	48-49
1	Writing in the first grade	495	98
1	Writing numbers on the blackboard for pleasure	207	84-85
1-6	Writing	610	255-257
1-7	Expressing one's thoughts clearly, forcibly, and correctly in all forms of written discourse	514	386-399
2	Period of writing on paper at the desks using large pencils and writing smaller	224	49-50
2	Writing in the second grade	495	98
3	Period of writing for the first time with ink	224	51-57
4	Period of the beginning of refinement of technique, legibility, and rate of handwriting	224	57-62

WRITING: continued

4-6	Writing in the fourth, fifth, and sixth grades	495	99
5	How did writing develop	603	66
5	Is the lead pencil an important writing instrument	166	pni
5	The story of writing	179	84-92
5-7	Period of further refinement of technique, legibility, and rate of writing	224	66-77
6	Development of writing and book making	446	164
6	Writing and printing	447	125-126
6-7	Language - writing	237	100-101
7-8	Materials and methods of writing	208	97-100
7-8	Writing in the seventh and eighth grades	495	99-100

WYOMING: † see also States

2-3	Other homes and communities in Wyoming	524	67-68
2-3	Wyoming - our state	523	49-50
4-5	Early trail days in Wyoming	524	117-120
4-5	Wyoming becomes a range country	524	124-125
6-8	Wyoming	525	89-101

YARN: see Cotton, Textiles, Wool

YEAST: see Bread

YOUTH: * see also Family, Home Life

7	Youth in Texas as other states of the Union is a responsible citizen in a democratic society	112	36-39
7	Youth's part in society as Texas moved forward	112	40-44
7	Youth's problems of citizenship in a democratic society of today are comparable with those of the Republic of Texas	112	32-35
8	Youth today is affected by the problems of the nation	112	71-75
8	Youth's opportunities for service and growth as well as responsibility in a wider citizenship were extended with the opening and developing of the West	112	76-81
8	Youth's place in the community	112	100-106
8	Youth's right to develop under the democratic ideals of today was guaranteed in the establishment and growth of the Constitution	112	66-70

ZOO: * see also Animals, Circus, Parks, Wild Animals

K-1	Animals - zoo	104	13
1	A zoo	308	9
1	Zoo	323	9-11
1	Zoo	380	19
1	The zoo and the circus	512	f29-f37
1-2	Study of the zoo	618	115-117
2	Our parks and our zoo	320	76-85
2	The park - zoo - or playground	174	28-34
2	Zoo	104	14
2	The zoo	417	35-38
3-4	A study of animals (circus and zoo)	619	147-238
4	Animals of circus and zoo	619	29
4-7	Making a zoo	486	56-57

ANNOTATED LIST OF SOURCES

Courses of Study - Numbered 100 to 526

Books - - - - - Numbered 600 to 644

Teachers' Lesson

Unit Series - - Numbered 700 to 802

COURSES OF STUDY - NUMBERED 100 TO 526

- | | | |
|-----|--|------|
| 100 | Aberdeen, South Dakota
Course of Study in Social Studies - Primary Grades.
Activities on community life prepared by a
committee of teachers. | 1936 |
| 101 | Aberdeen, South Dakota
Home Living - A Source Unit for Grade 1.*
A unit on family and community life. | 1939 |
| 102 | Alabama, Georgia
Procedures in Large Unit Teaching. Grades 1-12.
A curriculum bulletin prepared by a committee of
teachers, supervisors, and professors of education
on instructional procedures. | 1937 |
| 103 | Alabama, Georgia
A Guide to the Improvement of the Curriculum.
Grades 1-8.
Illustrative units showing the relation of the
fundamental skills to such a school program. | 1938 |
| 104 | Albuquerque, New Mexico
Teacher's Handbook for the Elementary Schools.
Grades 1-6.
The educational philosophy of the "whole child"
and ways of carrying out this philosophy through
the use of appropriate units. | 1937 |
| 105 | Albuquerque, New Mexico
Experiences in Elementary Classrooms. Grades 1-6.
Improvement of teaching through the telling of
actual experiences that were carried out suc-
cessfully by a group of teachers. | 1938 |
| 106 | Allegheny County, Maryland
Opening New Agricultural Areas through the Develop-
ment of Irrigation. Grade 6.
A geography and science unit on the importance
of irrigation. | 1932 |
| 107 | Allegheny County, Maryland
Social Studies - Water Transportation - Boats.
Grade 1.
A unit on boats. | 1933 |
| 108 | Amarillo, Texas
Primary Grades - A Tentative Course of Study for
Grades 1-3.
A course of study, including suggestions of
units for each grade, and their development. | 1938 |

*The 575 sources express the grades in various forms. These have been edited into one form in this bibliography.

- 109 Amarillo, Texas 1937
Elementary Science - A Tentative Course of Study for
Grades 4-6.
A curriculum bulletin on appropriate units in
science for elementary grades, including references
and development.
- 110 Amarillo, Texas 1937
Language Arts - A Tentative Course of Study for
Grades 4-6.
A curriculum bulletin on appropriate units in
geography for each grade - worked out in detail
with references.
- 111 Amarillo, Texas 1937
Social Studies - A Tentative Course of Study for
Grades 4-6.
A group of units in social studies for each grade -
with references included.
- 112 Amarillo, Texas 1938
Social Studies - A Tentative Course of Study for
Grades 7-8.
A course of study including appropriate units,
their development and useful references.
- 113 Ann Arbor, Michigan 1933
Helping Children Experience the Realities of the
Social Order, Grades 7-9.
A bulletin on the construction of a functional
curriculum, and the units that have been found
to be challenging and appropriate to each grade.
- 114 Arizona 1934
Course of Study for Elementary Schools of Arizona -
Bulletin Number Six - Social Studies, Grades 4-8.
A bulletin on the teaching of geography, history,
and civics through a series of social studies units.
- 115 Arizona 1939
Course of Study for the Elementary Schools of Arizona -
Bulletin Number Thirteen - Instruction of Bilingual
Children. Grade not indicated.
Problems peculiar to bilingual children and a
corrective school program - with appropriate
units included.
- 116 Arkansas 1936
A Tentative Course of Study for Arkansas Schools -
Elementary Section. Grades 1-6.
Suggestions for teachers; such as, organization
of the modern school, materials for planning
units of work, and "direct teaching" of the skills.
- 117 Arkansas 1937
Instructional Guidance and Suggested Materials for
Smaller Schools - Elementary Curriculum Materials.
Grades 1-6.
A unified program of the teaching of the skilled
subjects and suggested units in history, geography,
and science.

COURSES OF STUDY

233

- 118 Arkansas 1938
Tentative Course of Study in Art for Arkansas
Elementary Schools.
A group of units on art as they function in the
entire social structure outlined for the primary
and intermediate grades.
- 119 Atlanta, Georgia 1935
Social Studies in Grades 4-6.
A group of units for each of the grades indicated.
- 120 Atlanta, Georgia 1938
Living and Growing in the Home - School - Community.
Grades K-3.
A collection of activities outlined in units for
the kindergarten and primary grades as gathered
from a survey of the Atlanta public schools.
- 121 Atlanta, Georgia 1938
Living and Growing in the Home - School - Community.
Grades 4-6.
This group of units is outlined for studies in
art, science, history, geography, and community
life.
- 122 Atlanta, Georgia 1938
Social Studies for Grades 4-6.
Prepared by fourth, fifth, and sixth grade teachers
this bulletin presents outlines of units on glass,
light, brick, time, rubber, nuts, paper, soil, and
leather.
- 123 Atlanta, Georgia 1938
Living and Growing in the Atlanta Public Schools -
Curriculum Units - Community Life Series - Trans-
portation and Communication. Grades K-2.
A group of eight community life activities on
radio, communication, and travel.
- 124 Bakersfield, California 1936
Units in Health Education. Intermediate Grades.
A booklet instructing teachers how to assemble
and present units on health education.
- 125 Bakersfield, California 1937
A Unit of Study - Home and School Life. Grade 1.
This unit is a detailed community-life activity.
Helpful references are included.
- 126 Bakersfield, California 1937
A Unit of Study - Grass Lands, Deserts, Oases.
Grade 6.
A geography unit.
- 127 Bakersfield, California 1937
A Unit of Study - Early Exploration Period. Grade 8.
An activity unit on the early Spanish explora-
tions in the New World. English and social studies
are integrated.

- 128 Bakersfield, California 1937
A Unit of Study - Westward Movement. Grade not indicated.
A brief outline of a sequence that can be used in teaching a unit on the westward movement.
- 129 Bakersfield, California 1939
Social Studies Sequence by Grades. Grades 1-8.
A list of selected social studies activities and an extensive bibliography for each grade.
- 130 Beloit, Wisconsin 1939
A Suggested Primary Social Studies Program. Grades 1-3.
A bulletin based upon an experiment to help teachers in selecting suitable units for the primary grades.
- 131 Berkeley, California 1932
Social Studies for Grades 3-4.
A 500-page printed volume giving details of many units for these two grades.
- 132 Berkeley, California 1932
Social Studies for Grades 5-6.
A volume of 961 printed pages, outlining a large number of activity units.
- 133 Berkeley, California 1933
Unified Curriculum, Lower First Grade.
A method of teaching the skills through the unit idea and based on children's interests.
- 134 Burbank, California 1935
Social Studies Units - The Farm. Grade 1.
A unit including objectives, overview, sequence, outcomes, and bibliography for both teacher and children.
- 135 Burbank, California 1935
Social Studies Units - The Home. Grade 1.
A unit with different types of learning experiences specified and with a very full bibliography.
- 136 Burbank, California 1935
Social Studies Units - Toys. Grade 1.
A unit with emphasis on construction - bibliography included.
- 137 Burbank, California 1935
Social Studies Units - Health and Safety. Grade 2.
A detailed unit with specific learning outcomes indicated. Bibliography included.
- 138 Burbank, California 1935
Social Studies Units - The Market. Grade 2.
A unit in detail outlined for teaching.
- 139 Burbank, California 1935
Social Studies Units - Post Office. Grade 2.
A unit in much detail.

COURSES OF STUDY

235

- 140 Burbank, California 1935
Social Studies Units - Indian Life. Grade 3.
Two units on Indian Life - one covering the
life of the Plain Indians, the other the life
of the Pueblo Indians.
- 141 Burbank, California 1935
Social Studies Units - Japan. Grade 3.
A unit made attractive to children, stressing
the geography of a nation interesting to young
pupils.
- 142 Burbank, California 1935
Social Studies Units - Mexico. Grade 3.
A sequence prepared with much informational
material included in the appendix.
- 143 Burbank, California 1935
Social Studies Units. Grade 3.
Outline of a unit on Switzerland - with learn-
ing outcomes and different types of learning
experiences provided.
- 144 Burbank, California 1935
Social Studies Units - California Agriculture.
Grade 4.
A unit on California agriculture - with
bibliography.
- 145 Burbank, California 1935
Social Studies Units - Historic Landmarks of
California. Grade 4.
A unit with emphasis on the history and
geography of the state.
- 146 Burbank, California 1935
Social Studies Units - In Old California. Grade 4.
A comprehensive unit on early California life
under the rule of Spain.
- 147 Burbank, California 1935
Social Studies Units - Colonial Life. Grade 5.
An outline of a unit sequence on life in the
American colonies - with bibliography.
- 148 Burbank, California 1935
Social Studies Units - Westward Movements. Grade 5.
An outline of a unit on the westward movement.
- 149 Burbank, California 1935
Social Studies Units - Feudalism. Grade 6.
Outline and sequence of a historical unit on
medieval European life.
- 150 Burbank, California 1935
Social Studies Units - A History of Records.
Grade 6.
A unit on records, including separate outlines
about books, printing, and paper.

- 151 Butte County, California 1939
Suggestions to Teachers in Guiding the Child's
Experiences. Grade not indicated.
This booklet is planned to help teachers solve
some of their teaching problems.
- 152 California 1932
Suggested Course of Study in the Social Studies for
Elementary Schools. Grades 1-8.
Many units are briefly outlined, giving
bibliographies for children and teachers.
- 153 California 1935
Community Life in the Harbor. Grades 1-3.
A report of 83 printed pages recording the treat-
ment of this unit at the University Elementary
School, University of California, Los Angeles.
- 154 California 1937
Current Curricular Trends in Elementary Education.
Grade not indicated.
This is the Ninth Yearbook of the California
School Principals' Association.
- 155 California 1938
A Study of the Pueblo Indians. Grade 3.
A printed report of 108 pages detailing the work
done in the University Elementary School of the
University of California at Los Angeles.
- 156 California 1938
How the Pioneers Moved Westward. Grade 5.
A detailed report of work done in the University
Elementary School of the University of California
at Los Angeles.
- 157 Canton, Ohio 1936
Social Science. Grades 3-4.
This booklet presents outlines of many geography
units.
- 158 Canton, Ohio 1931
Social Science. Grade 5.
A list of unit outlines.
- 159 Cape May County, New Jersey 1937
Unit on Manufacturing. Grade not indicated.
A unit on the history of manufacturing.
- 160 Cape May County, New Jersey 1937
Unit on Trade. Grade not indicated.
A geographical and historical unit beginning
with the Greeks and Romans to modern times.
- 161 Cape May County, New Jersey 1938
Social Studies Units. Grade 6.
An historical and geographical unit prepared
around the shelter of mankind throughout the
ages and in different parts of the world.

COURSES OF STUDY

237

- 162 Cape May County, New Jersey 1938
 Social Science Units. Grade 7.
 Units on communication, transportation, trade,
 and manufacturing, showing the growing inter-
 dependence of men in the exchange of ideas and
 materials.
- 163 Cape May County, New Jersey 1938
 Social Studies Units. Grade 7.
 Unit on transportation emphasizing the effect
 of transportation on the life of mankind.
- 164 Cape May County, New Jersey 1938
 Unit on Clothing. Grade not indicated.
 A unit showing the historical development of
 clothing-materials and styles.
- 165 Cape May County, New Jersey 1938
 Unit on Food. Grade not indicated.
 This unit is an historical one; yet it covers
 the important aspects of community life as well.
- 166 Cheltenham, Pennsylvania 1938
 A Practice Book in Socialized Arithmetic. Grade
 not indicated.
 Lessons based on life-like situations and
 classified so that they may be used in teach-
 ing arithmetic.
- 167 Cheltenham, Pennsylvania 1938
 Activity Experiences in the Elementary Schools of
 Cheltenham. Grades K-6.
 Records of units carried on with outlines of
 unit and bibliography.
- 168 Chicago, Illinois 1932
 A Course of Study in Science and Nature Study for
 Grades 4-6.
- 169 Chicago, Illinois 1933
 A Course of Study in the Social Sciences. Grade 4.
- 170 Chicago, Illinois 1933
 A Course of Study in the Social Sciences. Grade 5.
- 171 Chicago, Illinois 1933
 A Course of Study in the Social Sciences. Grade 6.
- 172 Chicago, Illinois 1935
 Correlated Handwork. Grades 1-3.
 Activity units are illustrated by handwork projects.
- 173 Cicero, Illinois 1933
 Social Studies. Grade 1.
 Unit about community activities with topical
 bibliographies given.
- 174 Cicero, Illinois 1933
 Social Studies. Grade 2.
 A unit on "Building a Town" in which the grocery
 store, the post office, the library, the park,
 zoo, etc., are included.

- 175 Cicero, Illinois 1933
Social Studies. Grade 3.
Various units on irrigation, clothing, and
community life.
- 176 Cicero, Illinois 1938
Plan of Organization and Basic Purposes of the
Cicero Curriculum. Grades 4-8.
A booklet showing a curriculum divided into
broad experience fields.
- 177 Cleveland, Ohio 1935
Social Studies. Grade 5.
A series of five history units.
- 178 Cleveland, Ohio 1936
Social Studies. Grade not indicated.
Outlines of units on community activities for
the primary grades.
- 179 Columbia, Missouri 1939
Social Studies Units and Related Activities for
Grades 4-6.
This group of units presents a social science
program carried on in the primary grades.
- 180 Connecticut 1934
Units of Work Developed by Pupils of Intermediate
Connecticut Rural Schools. Grades 4-6.
Units on various subjects prepared for one-
room rural schools.
- 181 Connecticut 1935
Reports on Field Trips - Connecticut Rural Schools.
Grade not indicated.
- 182 Dayton, Ohio 1933
A Suggestive Course of Study for Grade 3.
Varied units including special units for holidays.
- 183 Dayton, Ohio 1934
A Suggestive Course of Study for Grade 4.
A group of units prepared on industries, such
as soap, iron, etc.
- 184 DeKalb County, Alabama 1938
Curriculum Study Program. Grades 1, 3, 5, 6.
A booklet of various areas of experience arranged
for the grades indicated.
- 185 Denver, Colorado 1932
Social Studies for Grades K-2.
This volume of 125 printed pages gives outlines
of units and discussion of values.
- 186 Des Moines, Iowa 1934
Social Studies Course of Study. Grades K-2.
An activity curriculum with emphasis on the
attitudes that are to be developed - selected
units for each grade included.

COURSES OF STUDY

239

- 187 Des Moines, Iowa 1935
Social Studies - Course of Study. Grade 3.
Units about industries and life studies.
- 188 Des Moines, Iowa 1937
Social Studies - Source Book of Content Materials.
Grade 5.
A booklet on factual material on a pioneer-colonial unit.
- 189 Des Moines, Iowa 1937
Social Studies - Teaching Suggestions. Grade 5.
The anticipatory sequences for a pioneer-colonial unit.
- 190 Detroit, Michigan 1932
Course of Study in Social Science. Grades 1-6.
An activity curriculum beginning with home and community life and enlarging the experience to a study of life in other countries.
- 191 Detroit, Michigan 1938
Elementary Social Studies - We Explore the World.
Grade 4.
A geography course in which each continent is made into a unit study.
- 192 Detroit, Michigan 1938
Elementary Social Studies - The Story of Early Man.
Grade 5.
A course in ancient history prepared in the form of many brief units.
- 193 Detroit, Michigan 1939
Elementary Social Studies - The Story of Modern Man.
Grade 5.
The history of modern Europe and American history outlined in unit form.
- 194 Detroit, Michigan 1939
Elementary Social Studies - How People Live Together.
Grade 6.
A booklet outlining a group of units centered around a study of modern life.
- 195 East Greenwich, Rhode Island 1934
Guide and Study for the Teaching of Reading.
Grades 4-6.
A booklet giving a bibliography for each grade and suggesting activities that might be carried on.
- 196 East Greenwich, Rhode Island 1935
Course of Study for Social Studies. Grades 1-3.
A group of units for each grade, including units on home life, community life, and a life study.
- 197 East Greenwich, Rhode Island 1935
Course of Study for Geography and History. Grades 4-6.
Traditional history and geography studies outlined in unit form for each grade indicated.

- 198 East Greenwich, Rhode Island 1936
Course of Study in Health and Physical Education.
Grades 1-6.
A booklet of hygiene lessons prepared for each
grade in unit form.
- 199 East Greenwich, Rhode Island 1938
Guide Units in English. Grades 1-3.
Varied activities prepared for each grade.
- 200 East Greenwich, Rhode Island 1938
Guide Units in English. Grades 4-6.
A book of suitable units outlined for each grade
including week-to-week sequences and bibliographies.
- 201 East Greenwich, Rhode Island 1939
Guide Units in Social Studies for the Elementary
Schools. Grades 1-6.
One unit worked out in full for each grade.
- 202 Flint, Michigan 1932
Social Studies - History and Geography Course of
Study. Grades 4-6.
A suggestion of units and how they may be worked
out for each grade.
- 203 Flint, Michigan 1935
Detailed outline - Social Studies. Grade 2.
A unit on community life - beginning with the
groceryman, policeman, etc.
- 204 Flint, Michigan 1935
Detailed Outline - Social Studies. Grade 3.
A study of community life - including its
present-day activities and giving their history.
- 205 Flint, Michigan 1937
Social Studies. Grade 8.
A unit on American history - bibliographies
included.
- 206 Flint, Michigan 1939
Detailed Outline - Social Studies. Grade 3.
A community life study of a present-day city
using Flint as an example.
- 207 Florida 1934
The Course of Study for Florida Elementary Schools.
Grades 1-6.
Eight hundred pages of closely printed pages
providing outlines in minute detail.
- 208 Florida 1934
Social Studies. Grades 7-12.
- 209 Florida 1935
Language Arts. Grade 5.
A tentative course of study.
- 210 Florida 1938
Source Materials for the Improvement of Instruction.
This is "a guide for explanatory work."

COURSES OF STUDY

241

- 211 Florida 1939
Ways to Better Instruction in Florida Schools.
Educational principles are illustrated by
units of teaching.
- 212 Fort Smith, Arkansas 1937
A Teachers' Manual of Pupil Guidance in Unit
Materials for Primary Grades.
Suggestions of activities for first and second
grade children.
- 213 Fort Smith, Arkansas 1937
A Teachers' Manual for Pupil Guidance in Unit
Materials for Intermediate Grades.
Many and varied units on science, transportation,
and history.
- 214 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 1.
Five community life units; major units are
divided into smaller sections.
- 215 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 2.
Major units on community life, food, and man's
use of tools.
- 216 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 3.
Four units on geography, climate, and world con-
ditions with influences on man and his develop-
ment.
- 217 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 4.
Historical units built around Fort Worth, show-
ing the evolution of boats, clothing, etc.
- 218 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 5.
Six social studies units showing the European
beginning of American life and the history
of American life and industry.
- 219 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 6.
Ten different units on a social studies theme
centered around Texas.
- 220 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 7.
Units showing industrialization of the dif-
ferent parts of the world.

- 221 Fort Worth, Texas 1933
Social Studies - A Tentative Course of Study for
Grade 8.
Four units on social adjustment and group living.
- 222 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Kindergarten.
Three units on family life showing the possibilities of developing the language arts.
References included.
- 223 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 1.
Varied units relating to the "whole" child - including many well-rounded activities.
- 224 Fort Worth, Texas 1935
Language Arts - A Tentative Guide for the Teaching of Handwriting. Grades 1-7.
A bulletin diagnosing poor writing and suggesting methods for remedial teaching.
- 225 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 2.
Units planned to emphasize the language arts.
- 226 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 3.
Life study units with the emphasis on language expression.
- 227 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 4.
Units on history and life in foreign countries yet emphasizing language expression.
- 228 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 5.
Activities centered around transportation and the discovery of America - but emphasizing language experiences.
- 229 Fort Worth, Texas 1935
Language Arts - A Tentative Course of Study for
Grade 6.
Units on the pioneer movement, industrial development and communication, prepared to show how the language arts may be included in the unit study.
- 230-233 Fresno California 1932-1937
Social Studies. Grades 1-6.
A series of monographs.

COURSES OF STUDY

243

- 234 Fresno, California 1937
Health and Safety. Grades 1-6.
Material on limited units.
- 235 Fresno, California 1937
Elementary Science. Grades 1-6.
Material on selected units.
- 236 Georgia 1937
Guide to Curriculum Improvement. Grades 1-8.
A guide in developing a better educational
program in the schools of the state.
- 237 Georgia 1938
Guide to Use of State Adopted Textbooks. Grades 1-8.
A bulletin teaching the use of new and varied
materials to Georgia teachers.
- 238 Georgia 1938
The Community as a Source of Materials of Instruc-
tion. Grades not indicated.
A report on studying and using the community as
source materials for the public school curriculum.
- 239 Georgia 1938
The New Curriculum at Work.
Through use and explanation of actual examples
of the work of skillful classroom teachers, an
interpretation of the philosophy and procedures
of a Georgia committee is presented.
- 240 Glen Falls, New York 1936
Elementary School Science. Vol. I. Grades 1-3.
A syllabus including objectives, outcomes, and
readings for pupils and teachers.
241. Glen Falls, New York 1936
Elementary School Science. Vol. II. Grades 4-6
A syllabus including objectives, outcomes, and
readings for pupils and teachers.
- 242 Glenridge - The Glenridge School of Clayton, Missouri 1937
Glenridge Activity Units. Grades 1-6.
A series of activity units which may be adapted
to individual schools rather than adopted in this
form.
- 243 Glenridge - The Glenridge School of Clayton, Missouri 1939
Growth in a Democracy.
A publication reporting progressive work in this
school.
- 244 Grand Rapids, Michigan 1932
Social Studies for Grades 4-6.
Type lessons, activities, and outcomes for
social studies.
- 245 Hartford, Connecticut 1936
Course of Study - Social Studies. Grade 7.
Two sets of units.

- 246 Hartford, Connecticut 1936
Course of Study - Social Studies. Grade 8.
Two sets of units.
- 247-249 Houston, Texas 1932
Integrated Curriculum Units.
247 Transportation and Communication, Grade 3;
248 Life on the American Frontier, Grade 5;
249 Transportation, Grade 6.
Units including suggested learning situations with
content material.
- 250-252 Houston, Texas 1934
The Scope of Curriculum.
250 Grades K-2
251 Grades 3-5
252 Grades 6-8.
Scope of the curriculum work at each grade level.
- 253 Houston, Texas 1934
Science. Grade 7.
A course of study of five units.
- 254 Indianapolis, Indiana 1934
Course of Study in Social Studies. Grades 7-8.
A fused social studies course.
- 255 Indianapolis, Indiana 1935
Course of Study in General Science. Grades 7-8.
The purpose of the course of study is to inter-
pret to the pupil his own physical environment.
- 256 Ironwood, Michigan 1934
A Tentative Outline for Community Life. Grade 1.
- 257 Ironwood, Michigan 1934
A Tentative Outline for Community Life. Grade 2.
- 258 Ironwood, Michigan 1937
An Integrated Nationality Course in Social Science
for Grades 4-5.
- 259 Ironwood, Michigan 1937
Suggestions and Guide for Teachers of Non-Reading
or Transition Groups. Grades not indicated.
A program for preventing reading disabilities.
- 260 Ithaca, New York 1939
Course of Study in Social Studies. Grades 3-6.
Units based on a social studies core.
- 261 Jersey City, New Jersey 1937
Course of Study in Natural and Social Sciences.
Grades K-3.
A unit combining work in nature study, geography,
and citizenship fields.
- 262 Kansas 1936
Unit Program in Social Studies. Grades 1-8.
A course correlating art with social studies.

COURSES OF STUDY

245

- 263 Kansas 1937
A Guide for Exploratory Work in the Kansas Program for the Improvement of Instruction. Grades not indicated.
Work for both laymen and professional workers to satisfy educational and social needs of the state.
- 264 Kansas City, Missouri 1932
Course of Study in English. Grades 1-6.
Guidebook for teachers and pupils in correct use of oral and written language.
- 265 Kansas City, Missouri 1933
Health in the Curriculum. Grades 1-6.
To establish healthful habits in the schoolroom.
- 266-270 Kansas City, Missouri 1936
Tentative Course in Social Studies. Grades 4-8.
Five social studies bulletins of widely varying subject matter.
- 271 Kansas City, Missouri 1936
Course of Study Unit. United States becomes a Cosmopolitan Country. Grade 7.
- 272 Kansas City, Missouri 1937
Safety in the Curriculum. Grades 1-6.
To develop proper habits and attitudes in the field of safety.
- 273 Kenosha, Wisconsin 1938
Course of Study. Ungraded School.
Units planned for mentally slow children.
- 274 Kentucky 1936
Organization of Instruction in the Elementary Grades.
Theory of the activity program and illustrations of "unit teaching."
- 275 Kentucky 1938
Elementary Course of Study (Outlines). Grades 1-8.
Lists units, knowledges, and skills for various grades and departments.
- 276 Lakewood, Ohio 1932
General Science - Tentative Course of Study. Grade 7.
Gives function of science in the life of man and need for scientific attitudes.
- 277 Lakewood, Ohio 1932
Social Science. Tentative Course of Study. Grade 7.
Training students to meet and control life problems as they arise.
- 278 Long Beach, California 1932
Home Making Course of Study. Grades 7-9.
Offering opportunities for training in home making.
- 279 Long Beach, California 1934
Social Studies - Course of Study. Grade 7.
Units facilitating the integration of English and Social Studies.

- 280 Long Beach, California 1934
 Social Studies - Course of Study. Grade 8.
 Units facilitating the integration of English
 and Social Studies.
- 281 Long Beach, California 1936
 Civic Education; A Handbook for Teachers. Ele-
 mentary School. Grades K-6.
 Treats citizenship activities both outside and
 within the classroom.
- 282 Long Beach, California 1938
 Arithmetic Guide for Teachers of Primary and Inter-
 mediate Grades.
 Activities in arithmetic for living today.
- 283 Los Angeles, California 1932
 284 Los Angeles, California 1933
 285 Los Angeles, California 1934
 A Series of Reports of Activity Units Carried Out
 in the City Schools.
- 286 Los Angeles County, California 1936
 Teachers' Source Material for Los Angeles County.
- 287 Los Angeles County, California 1937
 Teachers' Source Material for Los Angeles County.
- 288 Louisiana 1937
 Louisiana Program for Improvement of Instruction.
 Grades not indicated.
 Work done in a curriculum laboratory to stimu-
 late interest in educational problems.
- 289 Louisiana 1938
 Louisiana Program for Improvement of Instruction.
 Grades not indicated.
 Work done in a curriculum laboratory to stimu-
 late interest in educational problems.
- 290-300 Louisville, Kentucky 1933
 A Tentative Activity Curriculum in Social Studies
 for Elementary Schools. Grades 1-3.
 Eleven monographs, with topics as indicated below:
 290 The Farm. Grade 1.
 291 The Home. Grade 1.
 292 Pets. Grade 1.
 293 Community Helpers. Grade 2.
 294 The Dairy Farm. Grade 2.
 295 The Library. Grade 2.
 296 The Post Office. Grade 2.
 297 Louisville Today. Grade 3.
 298 Pioneer Life. Grade 3.
 299 Primitive Life - Indians. Grade 3.
 300 Evolution of Transportation. Grade 3.
- 301 Louisville, Kentucky 1934
 Tentative Course of Study in Social Studies. Grade 7.
- 302 Louisville, Kentucky 1934
 Tentative Course of Study in Social Studies. Grade 8.

COURSES OF STUDY

247

- 303-305 Lynn, Massachusetts 1932
 "Units of instruction," giving "aims," "learning activities," "constructive activities," etc.
 303 Social Studies. Grade 1.
 304 Social Studies. Grade 2.
 305 Social Studies. Grade 3.
- 306 Madera County, California 1939
 Manual of Methods and Procedure. Grades 1-8.
 Guidance for methods in the traditional school subjects, under the caption of "Social Studies."
- 307-308 Madison, Wisconsin 1932
 Language Curriculum. Grades 1-6.
 Activity units are suggested as they may function in the teaching of language.
 307 Part I
 308 Part II
- 309-314 Madison, Wisconsin 1934
 Social Studies. Grades 1-6.
 Units are organized under captions of objectives, approaches, activities, correlations, tests, etc.
 309 Grade 1.
 310 Grade 2.
 311 Grade 3.
 312 Grade 4.
 313 Grade 5.
 314 Grade 6.
- 315-317 Manitowoc, Wisconsin
 Social Science
 315 Grade 1. The Home. 1935
 316 Grade 2. Our Community 1936
 317 Grade 3. The Greater World Community. 1937
- 318 Massachusetts 1937
 Course of Study in Geography. Grades 3-6.
 Correlating history and character education with geography.
- 319 Merced County, California 1936
 Course of Study for the Schools of Merced County. Grades 1-8.
 A loose-leaf manual covering all grades and all subjects.
- 320-322 Memphis, Tennessee 1937
 Course of Study in Social Studies
 320 Grades 1-3.
 321 Grades 4-6.
 322 Grade 6.
 Three reports providing uniformity throughout the city schools.
- 323 Milwaukee, Wisconsin 1933
 Some Phases of an Activity Program.
 Justification of and suggestions for an activity program.

- 324-326 Minneapolis, Minnesota
 Elementary School Social Studies.
 Units stressing creation of "rich and many-sided personalities."
 324 Grade 6. 1934
 325 Grades 1-3. 1935
 326 Grade 4. 1936
- 327 Mishawaka, Indiana 1935
 Social Science for Grades 1-3.
 Activities for interpretation of physical and social environment.
- 328 Mississippi 1934
 Mississippi Program for the Improvement of Instruction. Study Program.
 An instruction improvement program to cover five years.
- 329 Mississippi 1936
 Mississippi Program for the Improvement of Instruction. A Guide for Curriculum Planning.
- 330 Mississippi 1937
 Mississippi Program for the Improvement of Instruction. A Guide for Curriculum Reorganization in the Elementary School.
- 331 Mississippi 1939
 Mississippi Program for the Improvement of Instruction. Curriculum Reorganization in the Elementary School. Grades 1-6.
- 332 Missouri 1937
 Courses of Study for Elementary Grades. Grades 1-8.
 A program of continuous, coordinated curriculum making and new courses of study.
- 333 Missouri 1937
 Guidance and Counseling for Elementary Grades. Grades 1-6.
 Ways to provide for growth and development of each individual child in the class.
- 334 Montclair, New Jersey 1935
 Units of Work for Grades 1-8.
 Brief and suggestive outlines conducive to expansion and adaptation according to individual needs.
- 335 Muncie, Indiana 1934
 Social Science Course of Study. Grades 7-8.
 A help in organizing and presenting teaching materials.
- 336 Muncie, Indiana 1935
 Tentative Course of Study in Elementary Social Science. Grades 4-6.
 Understanding the art of social living through social science units.

COURSES OF STUDY

249

- 337 Muncie, Indiana 1938
Unified Primary Activity Course of Study. Grades 1-3.
Units of work in the fields of health, social science, and natural science.
- 338 Nebraska 1938
Fire Prevention Manual.
Learning to prevent fires by forming habits of carefulness.
- 339 New Brunswick, New Jersey 1934
Social Studies. Grades 1-6.
- 340 New Kensington, Pennsylvania 1932
The Social Studies. Part I. Community Life. Grades 1-3.
Serves as a background for social studies in the middle and upper grades.
- 341 New Mexico 1938
Activities for the Non-Recitation Periods. Materials of Instruction.
Suggestions as to ways and means of organizing and conducting children's educative activities.
- 342-369 New Rochelle, New York 1934-1936
Elementary Science. Grades 1-6.
This series of monographs provides 27 units arranged for the grades as designated in the catalog.
- 370 Newton Public Schools - Newtonville, Massachusetts 1937
A Guide for the Teaching of Reading in the Elementary Grades. Grades 1-3.
A guide placing the reading program in its relation to the entire classroom program.
- 371-379 New York, New York 1937-1939
The Evolution of Common Things.
This series of printed bulletins presents studies of aviation, communication, transportation, etc.
- 380 Norfolk, Virginia 1932
Social Studies Curriculum. Kindergarten - Primary Grades.
Units and activities of a socialized nature concerning home and community.
- 381 Norfolk, Virginia 1932
Social Studies Curriculum Upper Elementary Grades.
Units and activities of a socialized nature concerning home and community.
- 382 Norfolk, Virginia 1938
Science Handbook - Vol. I. Lower Elementary Grades.
Suggestions for teaching natural science to little children.
- 383 Norfolk, Virginia 1938
Science Handbook - Vol. II.
Suggestions for teaching natural science to little children.

- 384 North Carolina 1935
A Study in Curriculum Problems of North Carolina
Public Schools.
A comprehensive handbook on content, organization,
and presentation of material for public school
teachers.
- 385-390 Oakland, California 1937-1938
Courses of Study, Outlines, and Tentative Courses
of Study.
This series of outlines presents studies of
a social science nature for grades 1-7.
- 391 Oklahoma 1932
Course of Study for Elementary Grades.
A handbook for teachers of factual knowledge
and skills to be taught in Grades 1-8.
- 392 Oklahoma City, Oklahoma 1935
Social Studies. Grade 8.
A brochure of factual information concerning Okla-
homa.
- 393 Oklahoma City, Oklahoma 1936
Unit Studies in Science - Book I.
Factual information for presentation in General
Science classes.
- 394 Oklahoma City, Oklahoma 1936
Unit Studies in Science - Spring Science.
Factual information for presentation in
General Science classes.
- 395 Omaha, Nebraska 1936
Social Studies for the Elementary Grades 4-5.
Curriculum plans for assignments of work.
- 396 Omaha, Nebraska 1936
Social Studies for Grade 5.
Curriculum plans for assignments of work.
- 397 Omaha, Nebraska 1936
Science for the Elementary Grades.
Science as a factor in developing the whole
personality of a child.
- 398 Omaha, Nebraska 1937
Curriculum Circular. Grades 2-8.
A series of curriculum circulars in which types
of educational problems are discussed.
- 399 Omaha, Nebraska 1938
Social Studies for the Elementary Grades. Grade 6.
Through geography, civics, and history to give
pupils such learning experiences as will enable
them to understand life about them.
- 400 Omaha, Nebraska 1939
Adjusting the Curriculum to the Slower Learners.
Grades 1-3.

COURSES OF STUDY

251

- 401 Oregon 1933
Oregon Manual for Rural Elementary Teachers.
A state department bulletin presenting outlines and suggestions for a variety of activity units.
- 402 Oregon 1937
Social Studies.
A state department bulletin of 250 pages of outlines, bibliographies, and other helps for all teachers.
- 403 Oshkosh, Wisconsin 1936
Primary Course in Social Studies. Grades 1-3.
Through a story of the history of their own vicinity children are introduced to an elementary form of social studies.
- 404 Pasadena, California 1936
Suggestions to Teachers in Guiding Pupil Experiences. Grades K-6.
A volume of 843 pages of suggestions to teachers as to ways of working and uses of illustrative materials as presented by the Pasadena City Schools.
- 405 Pennsylvania 1932
Course in Social Studies. Grades 7-8.
A program in citizenship for the young citizen.
- 406 Pennsylvania 1933
Course of Study in Science. Grades 7-9.
Types of exercises that give pupils experiences in dealing with natural phenomena.
- 407 Pennsylvania 1936
Suggestions for the Development and Use of Curriculum Materials in the Elementary Schools.
A state department bulletin for all grades.
- 408 Pennsylvania 1938
Expanding the Classroom.
A state department bulletin emphasizing excursion programs.
- 409 Pennsylvania 1939
School Living for Social Purposes.
Two type units, one for grade 1 and one for grade 6.
- 410 Philippines 1932
Objectives in Geography. Grade 4.
The child is imaginatively brought into contact with the different regions of the world.
- 411 Philippines 1932
Objectives in Embroidery, Needlework, Tatting, Crocheting. Grade 6.
Objectives for various phases of embroidery, fine needlework, tatting, and crocheting.
- 412 Philippines 1932
Objectives in Clothing and Textiles. Grades 4-6.
The objectives and methods for teacher and supervisor of the subject of clothing and textiles.

- 413 Philippines 1932
Objectives in Geography. Grade 6.
- 414 Plattsville, Wisconsin 1935
Activity Units for Lower Grades.
A group of "units," subordinate to which are
"activities" and correlated with the traditional
subjects.
- 415 Pottstown, Pennsylvania 1933
An Integrated Junior High School Unit on Immigration.
- 416 Princeton, Illinois 1936
Tentative Social Studies Curriculum. Grades 1-5.
- 417 Providence, Rhode Island 1936
Social Science Curriculum. Grades 1-2.
Activity units as outgrowths of classroom
situations.
- 418 Providence, Rhode Island 1936
Social Science Curriculum. Grade 3.
A course in Social Science with the philosophy
that the child learns through his experience.
- 419 Richmond, Indiana 1937
Studying about Occupations. Agriculture and
Fishing. Grades 7-8.
The first in a series of studies about occupations.
- 420 Richmond, Indiana 1937
Studying about Occupations. Homemaking. Grades 7-8.
The viewpoint is that the success of the home
depends upon both the man and the woman.
- 421 Richmond, Indiana 1937
Studying about Occupations. The Manufacturing and
Mechanical Occupations. Grades 7-8.
Suggested projects, textual readings, supplementary
reference readings, and descriptions of the occu-
pations.
- 422 Richmond, Indiana 1937
Studying about Occupations. The Extraction of
Minerals and Petroleum. Grades 7-8.
The extraction of minerals and petroleum.
- 423 Richmond, Indiana 1937
Studying about Occupations. Trade and Commerce.
Grades 7-8.
A vocational guide about occupations in trade
and commerce.
- 424 Richmond, Indiana 1937
Studying about Occupations. Transportation and
Communication. Grades 7-8.
Short descriptive sketches of the fields of
transportation and communication.
- 425 Rochester, New York 1935
Course of Study - Social Relations. Grades K-3.
Suggested activities with major objectives in
geography and history.

COURSES OF STUDY

253

- 426 Rochester, New York 1936
Course of Study - Social Relations. Grades 1-6.
Suggested activities with major objectives
in geography and history.
- 427 Rochester, New York 1936
Course of Study in Social Studies. An Epochal
History of the United States. Grade 8.
To fulfill the two purposes of history - the
cultural and functional.
- 428 Rochester, New York 1936
Course of Study in Social Studies - American Life.
Grade 8.
To provide an understanding of American life today.
- 429 Rochester, New York 1936
Course of Study in Social Studies - Civic Relation-
ships in our Modern America. Grade 8.
- 430 Sacramento, California 1932
Course of Study Monograph. Grades 1-2.
- 431-434 Sacramento, California 1937
Elementary Social Studies. Grades 3-6.
- 435-437 Sacramento, California 1939
Elementary Social Studies. Grades 3-5.
- 438 Saginaw, Michigan 1937
Tentative Course of Study in Arithmetic. Grades K-3.
Units and activities in the field of elementary
arithmetic.
- 439 Saginaw, Michigan 1937
Tentative Course of Study in Arithmetic. Grades 4-6.
The Arithmetic Committee submits suggestions for
a course of study in arithmetic.
- 440 Saginaw, Michigan 1937
Suggestions for the Teaching of Elementary Science.
Grades K-3.
Some suggestions for science units.
- 441 Saginaw, Michigan 1937
Suggestions for the Teaching of Elementary Science.
Grades 4-6.
To aid in teaching elementary science in the
elementary schools.
- 442 Saginaw, Michigan 1938
Social Science Materials to Try Out and Revise.
Grades 7-9.
A highly tentative program suggested by the
Social Science teachers.
- 443 Saginaw, Michigan 1939
Social Studies. Grades K-2.
How various teachers conducted their work with
their respective groups of children.
- 444 San Jose, California 1938
Elementary Curriculum Materials. Vol. I. Grades 1-6.
Suggesting aims, outcomes, activities, and
units of work.

- 445 San Jose, California 1938
Elementary Curriculum Materials. Vol. III.
Grades 1-6.
Reports of twelve units developed by teachers.
- 446 San Mateo County, California 1932
The Social Studies. Grades 1-6.
In this social studies course effort has been
made to eliminate lifeless and useless methods
and materials from the classroom.
- 447 San Mateo County, California 1934
Elementary Science. Grades 1-6.
A tentative course of study as part of an in-
tegrated program to give children a view and
appreciation of their environment.
- 448 San Mateo County, California 1938
A Unit of Work. Pioneer Life. Grades 5-6.
A unit for the fuller understanding of the
development of their country.
- 449 San Mateo County, California 1939
A Social Studies Unit of Work. Indian Life.
Grades 3-4.
Primitive and modern methods are contrasted.
- 450 San Mateo County, California 1939
A Social Studies Unit of Work. Mexico. Grades 3-4.
"The purpose of the unit is to develop an atti-
tude of friendship, tolerance, and appreciation
toward our next door neighbor."
- 451 San Mateo County, California 1939
A Unit of Work. The Story of Textiles. Grades 5-6.
To gain a real appreciation of the achievement
of man throughout the ages by the story of
textiles.
- 452 San Mateo County, California 1939
A Social Studies Unit of Work. The Development of
Culture. Grades 7-8.
- 453 San Mateo County, California 1939
A Unit of Work. State and National Parks and
Monuments. Grades 7-8.
The background of knowledge and appreciation of
state and national parks.
- 454 San Mateo County, California 1939
A Unit of Work. The United States Trades with
World. Grades 7-8.
To make the child aware of the interdependence of
nations.

- 455-466 Santa Barbara, California
Instructional Materials.
A series of monographs
- | | | |
|-----|-------------|------|
| 455 | Grade 5 | 1937 |
| 456 | Grades K-12 | 1938 |
| 457 | Grade 1 | 1938 |
| 458 | Grade 2 | 1938 |
| 459 | Grade 4 | 1938 |
| 460 | Grades 5-6 | 1938 |
| 461 | Grade 6 | 1938 |
| 462 | Grade 6 | 1938 |
| 463 | Grade 6 | 1938 |
| 464 | Grade 6 | 1938 |
| 465 | Grade 3 | 1939 |
| 466 | Grade 3 | 1939 |
- 467 Seattle, Washington 1938
Living Today - Learning for Tomorrow. Grades 1-12.
Photographically presents the essence of a
social studies program.
- 468-484 Shorewood. The Shorewood Schools of Milwaukee,
Wisconsin 1933-1937
A series of monographs, some printed, some
mimeographed, some original work of individual
pupils. Outlines of unit studies, illustrated
by drawings, color work, writings of pupils.
- | | | |
|-----|--|------|
| 468 | Social Science Units. Grade 4. | 1933 |
| 469 | The Grocery Store. Grade 1. | 1934 |
| 470 | The Hardware Store. Grade 1. | 1934 |
| 471 | Our School. Grade 1. | 1934 |
| 472 | Vegetable Market. Grade 1. | 1934 |
| 473 | Vegetable Gardening. Grade 1. | 1934 |
| 474 | Clothing - Cotton. Grade 2. | 1934 |
| 475 | Clothing - Silk. Grade 2. | 1934 |
| 476 | Clothing - Wool. Grade 2. | 1934 |
| 477 | Food - The Green Market. Grade 2. | 1934 |
| 478 | Shelter - Lumber. Grade 2. | 1934 |
| 479 | Course of Study in Mathematics. Grade 8. | 1934 |
| 480 | Science. Grade K. | 1937 |
| 481 | Social Experiences. Grade K. | 1937 |
| 482 | Science. Grade 1. | 1937 |
| 483 | Science Units. Grade 5. | 1937 |
| 484 | Science Units. Grade 6. | 1937 |
- 485 South Carolina 1936
Elementary School Manual Series - Health Education.
Grades 1-7.
To make the state health-conscious.
- 486 South Carolina 1937
Elementary School - Social Studies. Grades 1-3.
The philosophy of "learning by doing" is uppermost.
- 487 South Dakota 1932
Social Studies Course of Study. Grades 1-3.
A treatment of some of the living issues of
American life on an appropriate age and grade
basis.

- 488 South Dakota 1934
Course of Study for Elementary Schools. Grades 1-8.
- 489 Springfield, Massachusetts 1937
Social Studies: Course of Study for Junior High School. Grade 7.
Two parts - one a teacher's outline and the other, pupils work sheets.
- 490 Springfield, Massachusetts 1937
Social Studies: Course of Study for Junior High School. Grade 8.
"The creation of rich, many-sided personalities."
- 491 Springfield, Massachusetts 1938
Social Studies: Course of Study for Kindergarten and Grades 1-6.
- 492 St. Paul, Minnesota 1933
Tentative Course of Study in Social Science and Related Subjects. Grade 5.
A course on the spread of various civilizations.
- 493 St. Paul, Minnesota 1936
Course of Study in Social Science and Related Subjects. Grade 3.
"The Beauties and Wonders of the World Around Us."
- 494 Sumter County, Tennessee 1939
Improvement of the Curriculum in the Sumter County Schools. (Nashville, Tennessee))
A long-range program for vital, practical instruction.
- 495 Tennessee 1936
The Tennessee Program for the Improvement of Instruction. Grades 1-8.
Emphasis upon the social studies with correlation of the traditional school subjects.
- 496 Tennessee 1937
Looking Ahead with Tennessee Schools. Grades 1-8.
This bulletin is published as the report of the Tennessee Program for the Improvement of Instruction.
- 497 Tennessee 1938
Looking Ahead with Tennessee Schools. Bulletin No. 2. Grades 1-8.
To guide teachers in further improving their teaching practices.
- 498 Texas 1936
Tentative Course of Study for Years One through Six.
Plans classroom instruction upon a more scientific basis.
- 499 Trenton, New Jersey (The Carroll Robbins School) 1936
Through the Land of the Samovar: An Account of Youthful Curriculum Makers at Work. Grades not indicated.
To overcome anti-social feeling due to the different nationalities in the class.

COURSES OF STUDY

257

- 500 Tulsa, Oklahoma 1932
Chinese Culture. Grade 7.
Outlines a unit to show children that other civilizations than their own have certain cultural advantages.
- 501 Tulsa, Oklahoma 1932
City Life. Grade 7.
The city has been one of the chief problems in American society today.
- 502 Tulsa, Oklahoma 1932
National and Racial Relationships in America. Grade 7.
A view that no race or nation is generally superior to all others.
- 503 Tulsa, Oklahoma 1932
How Discoveries and Inventions Have Changed Modern Living. Grade 8.
Living conditions a century ago are contrasted with those of today.
- 504 Tulsa, Oklahoma 1932
We and Our Government. Grade 8.
This study of "We and Our Government" makes us acquainted with our heritage.
- 505 Tulsa, Oklahoma 1938
A Course of Study for Grades K-3.
A group of Tulsa teachers place an emphasis on developing understanding through achievement in reading.
- 506 Tuscaloosa County, Alabama 1938
Living and Learning in the Elementary Schools of Tuscaloosa County. Grades 1-6.
One of a series of annual instructional improvement bulletins.
- 507 Tuscaloosa County, Alabama 1939
Learning through Activities in the Elementary Schools of Tuscaloosa County. Grades 1-8.
The idea of encouraging pupil participation in all schoolroom activities, and providing experiences that include the pupils in planning and evaluating.
- 508 University of Oregon 1939
Bread. Curriculum Bulletin No. 8. Grade 2.
Of immediate interest to primary school children and of far-reaching social importance.
- 509 University of the State of New York 1934
Handbook for Rural Elementary Schools. Grades 1-8.
Coordination and unification of such related subjects as history, geography, and citizenship, is presented in units.

- 510 Utah 1934
A Unified Course in the Social Studies for the
Elementary Schools of Utah. Grades 1-6.
A general framework for a continuous articulated
series of activities and learnings.
- 511 Utah 1935
English for Elementary Schools. Grades 1-6.
"To vary from beaten paths in English teaching."
- 512 Vancouver, Washington 1938
Social Studies Curriculum Handbook. Grades 1-7.
A curriculum which uses social studies as its
integrative center.
- 513 Virginia 1933
Virginia Curriculum Program Illustrative Materials
from Tentative Course of Study for Virginia
Elementary Schools. Grades 1-7.
A bulletin published by the Virginia State Board
of Education charting the functional phases of
social life.
- 514 Virginia 1934
Tentative Course of Study for Virginia Elementary
Schools. Grades 1-7.
Basic suggestions for units and activities
which can be modified for local situations.
- 515 Watertown, New York 1934
Curriculum Guidance for Kindergarten Groups.
Aims, activities, and reference material for
various core units.
- 516 Westchester County, New York 1938
Industries of Westchester County. Grades not
indicated.
Presents the stories of twenty-two different
types of industries established in this county.
- 517 West Virginia 1936
A Teacher's Manual in Safety Education. Grades 1-8.
This manual suggests more effective teaching of
safety in the elementary schools.
- 518 West Virginia 1937
Program of Studies for Elementary Schools. Grades 1-8.
A revised and reformulated course of study for
the elementary schools.
- 519 West Virginia 1939
Units in Conservation. Grades 1-8.
To instill the philosophy of preservation and
conservation in the minds of the future
leaders of the country.
- 520 Wilmington, Delaware 1935
Cooperative Curriculum Revision.
A report of work in curriculum revision.

COURSES OF STUDY

259

- 521 Winchester, Massachusetts 1935
Curriculum Material for Grades 1-6.
A collection of units of work as suggestions
for developing various topics.
- 522 Winchester, Massachusetts 1935
Courses of Study for Grades 1-6.
Various teachers in this school system con-
tributed an expanded and detailed unit of
work for different grade levels.
- 523 Wyoming 1932
Course of Study for Elementary Schools - Social
Studies for Grades 2-8.
Fused social material in which the children,
rather than subject matter, are the center of
attention.
- 524 Wyoming 1933
Course of Study for Elementary Schools - Social
Studies for Grades 2-8.
Provides a more continuous guide for teachers
in social studies courses introducing the fusion
of geography, history, civics, and other social
material.
- 525 Wyoming 1934
Course of Study for Elementary Schools - Social
Studies for Grades 6-8.
Includes social studies content, outlines,
activity suggestions, and extensive lists of
references for each unit.
- 526 Wyoming 1936
Course of Study for Rural Schools - Agriculture.
Grades 6-8.
A course of study comprised of a series of
lessons on agriculture.

BOOKS - NUMBERED 600 TO 644

- 600 Allen, Charles F., Alexander, T. R., Means, H. W.
Extra Curricular Activities in the Elementary
Schools. Webster Publishing Co. 1937
The authors set forth some guiding principles for
organizing and administering extra curricular ac-
tivities in elementary schools; they suggest how
teachers may be trained for this, and explain how
their suggested program may be carried on in
schools organized in both the traditional and the
platoon systems.
- 601 Barnes, E. A., and Young, B. M. 1932
Children and Architecture. Columbia University.
A writer cooperated with a teacher in describing
a unit of work on the history and development of
world architecture. Activities of a sixth grade
class in studying this unit are presented. In-
cluded in the last chapters are contents of the
unit and a bibliography for teachers and students.
- 602 Brueckner, Leo J. and Others 1939
The Changing Elementary School. Inor Publishing Co.
A study of elementary education was one phase
of the New York State Regents' Inquiry of 1935.
Findings of this study and recommendations of
changes in policy are presented. One section is
devoted to the findings of specialists in certain
fields.
- 603 Burr, Samuel Engle 1937
A School in Transition. Christopher Publishing House.
A school in Glendale, Ohio, underwent a transi-
tion from a traditional to an activity program.
The change is described by years: first, second,
and third; and with regard to: growth of units;
administration; buildings and equipment; public
relations; cost, tests, and measurements; out-
comes; and findings. This work contains many
suggestions about units and content.
- 604 California Curriculum Commission 1930
Teachers' Guide to Child Development: Manual for
Kindergarten and Primary Teachers. California
State Department of Education.
The contributions of over seventy teachers were
used by the commission and staff to make a book
concerning activities, units, and the use of in-
formal methods in primary teaching. Specific
suggestions for planning school work are given
regarding teaching of fundamental skills, com-
munity activities, interest pertaining to home
life, foods, nature. Illustrated.

*Though published prior to 1932 this volume is here included
as a companion with no. 605.

- 605 California Curriculum Commission
Teachers' Guide to Child Development in the
Intermediate Grades. California State Depart-
ment of Education 1936
Under the Commission this book was prepared
giving specific directions, illustrations, and
examples of the activity method applied to in-
termediate grades. Chapters are on philosophy,
organization, content, and methods. Subject
matter areas are considered. Units are described.
Some illustrations and a large bibliography are
included.
- 606 Caswell, Hollis L., and Campbell, Doaks S.
Curriculum Development. American Book Company. 1935
The authors discuss social changes and their
implications for curriculum makers in terms of
content, organization, units, aims, and scope
of the curriculum. Teachers' and pupils' pur-
poses are presented; selection and presentation
of subject matter, teaching procedures, organiza-
tion and administration. This book contains de-
tailed instructions for putting into practice the
principles it advocates.
- 607 Clapp, Elsie R.
Community Schools in Action. The Viking Press. 1939
Community education is discussed through the ac-
tivities of Ballard Memorial School in Kentucky
and Arthurdale School in West Virginia. In seven
chapters the author describes the beginning of
each school; the nursery school, high school, and
adult education at Arthurdale; and cultural re-
sources and opportunities of community education.
- 608 Clouser, Lucy W.; Robinson, Wilma J.; and Neely,
Dena L.
Educative Experiences through Activity Units.
Lyons and Carnahan. 1932
The authors present a record of activities car-
ried on in the second and third grades of Kansas
City public schools. In addition there is a
general discussion of activity units in the
school program and their relation to child growth.
A plan for the year's work is described.
- 609 Croxton, W. C.
Science in the Elementary School Including an
Activity Program. McGraw-Hill Book Company. 1937
The author gives the theoretical basis for
teaching science in the modern elementary school.
In addition he presents a detailed program of
experiments and class activities for the teach-
ing of science in the elementary school.

- 610 Dobbs, Alma A.
Teaching Wholesome Living in the Elementary School.
A. S. Barnes and Company. 1939
This is a book for those interested in "building
curricula in which the primary concern is that
the child shall grow in all ways." It suggests
methods for helping the pupils attain "wholeness"
and health.
- 611 Douglass, Aubrey A.
The American School System: A Survey of Principles
and Practices in Education. Farrar & Rinehart, Inc. 1934
The author presents a survey of the American
educational system, emphasizing the social
purposes of education.
- 612 Hakright, Jessie B., and Young, Bess M.
Adventuring with Toys. Teachers College, Columbia
University. 1933
The authors, a classroom teacher and a trained
observer, have devoted this book to the descrip-
tion of a Unit of Work on "Toys," in a fourth
grade. Topics are: establishing the unit; crea-
tive writing; exploring farther afield; making
toys; toys of other lands and times; building a
play; carry-over of toys; evaluation educational
achievement; and further possibilities. An appen-
dix contains a large bibliography of source ma-
terial and children's books about toys.
- 613 Gustin, Margaret; and Hayes, Margaret L.
Activities in the Public School. University of
North Carolina Press. 1934
This book on the activity method approaches the
problems of launching, organization, and func-
tion of the program. A goodly number of prin-
ciples and topics are illustrated specifically
and briefly. At the end of each chapter is a
bibliography of methods and materials.
- 614 Halter, Helen
Society in Action: A Guide for the Social Studies.
Inor Publishing Company. 1936
This is a social studies guide book to be used
by students in place of a text. Several units
are suggested under two headings: concerning
group living in the immediate community and
group living in the larger community. An out-
line of content and methods of procedure is in-
cluded in each unit.

- 615 Hampton, Vernon B.
New Techniques in Social Science Teaching.
The John Willig Press. 1936
The author presents an analysis of effective methods, devices, and systems of teaching social science. Reports are given of the Drama method, Case method, Socialized Recitations, Unit Plan, Projects, laboratory teaching, and others. The appendix includes reports of five typical lessons conducted in a New York high school.
- 616 Hanna, Paul R. and others
Youth Serves the Community. Appleton-Century Company. 1936
A staff, under the direction of the author, collected information concerning activities of children designed to contribute to the general welfare. In nine chapters are described youthful activities in public safety, civic beauty, community health, civic arts, local history, surveys and protection of resources. One chapter is devoted to similar activities in foreign countries.
- 617 Mapes, Charlotte, and Harap, Henry
Six Activity Units in Fractions. Western Reserve University. 1933
This bulletin describes six activity units used in teaching fractions. The units are based on real life situations and were selected especially "because they were rich in the application of fractions."
- 618 Hockett, John A., and Jacobsen, E. W.
Modern Practices in the Elementary School. Ginn and Company. 1938
A general discussion of current trends in elementary education and specific activities in teaching is presented. Included are the following: developing a unit, managing daily program, discipline, utilizing child's creative ability, relationship of environment to classwork. Two chapters are devoted to the problem of individual needs.
- 619 Horrall, Albion H. and others
Let's Go to School. McGraw-Hill Book Company. 1938
The authors show what can be accomplished in the average elementary school by describing activities of a school in San Jose, California. In Part I is a discussion of the school, its philosophy and curriculum, integrating influences, and evaluations. Part II is a detached description of three units: study of animals; the community of San Jose; and European architecture.

- 620 Lane, Robert Hill
A Teacher's Guide Book to the Activity Program.
The Macmillan Company. 1932
Contributions from twenty-six teachers assist the author of this book of six chapters devoted to: the initiation of an activity program; three illustrative units of work; the daily program; and a large number of specific hints on teaching.
- 621 Lane, Robert H.
The Progressive Elementary School. Houghton Mifflin Company. 1938
The author presents a short study of the basic problems of the progressive elementary school. "It is dedicated to principals, teachers, and parents who want to know something about current elementary school practices in what, for lack of a more adequate term, we call 'progressive' elementary schools."
- 622 Mayhew, Katherine C., and Edwards, Anna C.
The Dewey School; the Laboratory School of the University of Chicago 1896-1903. Appleton-Century Company. 1936
Two associates of Professor and Mrs. John Dewey describe the work and development of an activity school of the eighteen-nineties. They have included material of philosophical and historical interest as well as specific information about the organization, curriculum, methods, and teaching techniques used there and then.
- 623 McKown, Harry C.
Activities in the Elementary School. McGraw-Hill Book Company, Inc. 1938
Problems that face teachers and administrators of the elementary school are discussed. Each of the nineteen main topics and related activities are supplemented by selected references. The activity school is accepted in principle.
- 624 Mead, Cyrus D., and Orth, Fred W.
The Transitional Public School. The Macmillan Company. 1934
The six parts of this book on the activity method discuss: theory and philosophy; subject matter organization; schedules; sequence; purposeful problem solving activities; use of newspapers; purposeful thinking; handwork; comparison of achievements in activity and transitional school by objective means.
- 625 Melvin, A. Gordon
The Activity Program. Reynal & Hitchcock. 1936
The author presents a discussion of progressive education. He emphasizes the activity program, defining terms and giving practical suggestions for the use of teachers.

- 626 Melvin, A. Gordon
Activated Curriculum. The John Day Company. 1939
The author discusses the curriculum of the activity school, giving principles and methods of construction.
- 627 Meriam, Junius L.
Learning English Incidentally: A Study of Bilingual Children. United States Office of Education, Bulletin 1937, No. 15. 1937
This study contains facts regarding the education of foreign children in general and Mexican children in particular. It discusses the problems attendant upon bilingualism and the adaptation of teaching to meet the needs, ability, and experiences of children from foreign homes. The procedures used in one California school of all Mexican children are reported in detail. The theory underlying such procedures is presented.
- 628 Minor, Ruby
Early Childhood Education: Its Principles and Practices. D. Appleton-Century Company. 1937
The author presents a middle-of-the-road picture of kindergarten and primary education. It is a reaction against both the ultra-conservative and ultra-modern in elementary education, pointing out that both child and society are fundamentally important in education.
- 629 National College of Education
Curriculum Records of the Children's School. National College of Education, Evanston, Illinois. 1932
The Children's School of the National College of Education, consisting of the six elementary grades, a nursery school, and two kindergartens, is organized for investigation and demonstration of curriculum problems. This book is a record of group progress and skills, individual activities, classroom procedures, and typical units of work. Much of the material is in outline form.
- 630 National Education Association
Eighteenth Yearbook. Department of Elementary School Principals. 1939
The theme of this volume is enriching the curriculum of the elementary school. One phase of this enrichment is illustrated in activity units.
- 631 National Society for the Study of Education
The Thirty-sixth Yearbook - Part 1 (The Teaching of Reading: Second Report). Public School Publishing Co. 1937
This report traces the developments in the field of reading during the period 1925-1935, and identifies the major problems in the teaching of reading faced by the schools of today.

- 632 Reed, Mary M., and Wright, Lula E.
The Beginnings of the Social Sciences. Charles Scribner's Sons. 1932
This book gives specific directions and suggestions for beginning social studies in the Primary School. It stresses work in a social environment; how the social sciences develop; content, organization, and functioning of curricula. Also included are: a good many very easy children's songs; rhymes and verses; pictures of and by children; and many topics for units.
- 633 Sanguinet, Edwin H.
An Approach to Curriculum Construction Based on a Child Activity Survey in the Philippine Islands. Philippine Teacher's Digest. 1934
A pamphlet containing the author's Ph.D. thesis. Discussion of the Philippine Islands and their people, a definition of the problem and presentation of the basic data, basic list of areas of child experience, a plan for developing curriculum built on child activity, factors which condition future development of curriculum program.
- 634 Schwarz, John
Social Studies in the Elementary School. Prentice-Hall, Inc. 1938
The author discusses the teaching of social science in the elementary school. He presents a minimum of theory and emphasizes practical aids in the teaching of social science on the elementary school level.
- 635 Smith, Donnal V., and Frederick, Robert W.
Live and Learn. Charles Scribner's Sons. 1938
This book deals with the teaching of social science in the elementary school. The authors discuss the teaching act, objectives, program organization, planning, evaluation, and the implements of learning.
- 636 Smith, Nila B.
Teachers' Guide for the First Year: The Unit-Activity Reading Series. Silver Burdett Company. 1936
This book is to be used with "Tom's Trip," "At Home and Away," and "In City and Country" of the Unit-Activity Reading Series by the author. It is concerned with the effective teaching of reading in the modern program and presents the pre-primer period, the primer period and first reader procedures.

- 637 Smith, Samuel, and Speer, Robert K.
Supervision in the Elementary School. The
Cordon Company. 1938
This book discusses the problems and function
of supervision in the elementary school. It
emphasizes contemporary supervision, but also
discusses the progressive tendencies in theory
and practice.
- 638 Sweeney, Frances G., and others
Western Youth Meets Eastern Culture. Bureau of
Publications, Teachers College, Columbia University 1932
This book presents an account of an experiment
in integrating curricula. Teachers of social
studies, English, and art cooperated to develop
a course in Eastern Culture for the seventh grade.
- 639 Tibbels, Averil
The Circus Comes to School. A. S. Barnes and Company. 1937
A plan is presented "whereby the circus becomes
recreational and educational." The following
points about school circuses are discussed: pur-
pose, kinds, how to be successful, stunts and
suggestions. Included in the book is a bibliography
of books of value in circus planning.
- 640 Tiegs, Ernest W.
The Management of Learning in the Elementary
Schools. Longmans, Green and Company. 1938
Contents are organized in two parts: Part I,
on philosophy and theory; Part II, on the cur-
riculum in action. Included is a general dis-
cussion of objectives, procedures, activities,
and units of work in elementary education; and
the application of these to specific subject
matter.
- 641 Waddell, Charles W., and others
Major Units in the Social Studies. The John Day
Company. 1932
The book gives an account of some of the work
of an activity school used for teacher training.
It gives detailed accounts of three units: A
Study of Chinese Life (4th Grade), A Study of
Colonial Life (5th Grade), and A Study of
Aeronautics (6th Grade).
- 642 Wilson, Guy M., and others
Teaching the New Arithmetic: What to Teach; How to
Teach It. Provision for Professional Growth.
McGraw-Hill Book Company. 1939
The extended title indicates character and scope
of this book. Chapters XXII to XXVIII inclusive
stress "Problem Units for different grades" and
"Appreciation Units."

- 643 Wrightstone, J. Wayne
Appraisal of Newer Elementary School Practices.
Bureau of Publications, Teachers College, Columbia
University. 1938
The author gives an appraisal of the relative
achievement of conventional and experimental
elementary schools in attaining six cardinal
objectives: to develop desirable social atti-
tudes, to cultivate critical thinking, to build
physical and mental health, to develop mastery
of basic integrating skills and knowledges, to
devote attention to individual aptitudes, and
to develop an appreciation of worth-while ac-
tivities.
- 644 Zyve, Claire T. and the Staff of the Fox Meadow
School
Willingly to School. Scott, Foresman & Company. 1934
This book discusses some of the activities of
a modern public elementary school. It is pro-
fusely illustrated with pictures of the pupils
at work.

TEACHERS' LESSON UNIT SERIES

NUMBERED 700 TO 802

700 to 802 inclusive

1931-1939

Teachers' Lesson Unit Series. All grades.

This series of lesson units is edited by Professor McCall of Teachers College, Columbia University. These units are prepared by teachers throughout this country. Each unit is presented in a printed monograph of from 25 to 50 pages. Space is not taken here to list the titles of these hundred and more lesson units. However, all of the titles from number 1 in 1931 to the close of 1939 appear in this catalog. For example, number 1, "Transportation" appears under that subject title, with code number 701.

UNIVERSAL
LIBRARY



140 398

UNIVERSAL
LIBRARY